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DESCRIPTIVE CATALOG YEGETAR

WITH TELEGRAPHIC CODE



KEYSTONE SEEDS

CORNELI SEED COMPANY BREEDERS, GROWERS AND WHOLESALERS

SAINT LOUIS, MISSOURI & U. S. A.

SIXTH SERIES

CABLE ADDRESS: CORNELL, ST., LOUIS

Cable Address: CORNELI, St. Louis TELEGRAPHIC CODE FOR WEIGHTS

Pounds	Code Word	Pounds	Code Word
1/4	Aback	600	Adjourn
1/2	Abaft	700	Adjure
1	Abash	800	Admire
	Abate	900	Adopt
2 3	Abduct	1,000	Adore
4	Abeam	1,200	Adroit
5	Abet	1,500	Adverse
6	Abhor	1,800	Afore
6 7	Abide	2,000	Afresh
8	Abject	2,400	Aggrieve
9	Abjure	2,500	Agast
10	Abolish	3,000	Alarm
15	Abound	3,500	Alack
20	Abridge	4,000	Alert
25	Abscond	5,000	Alias
30	Absent	6,000	Alien
40	Absolve	7,000	Alight
50	Abstract	7,500	Allay
60	Accede	8,000	Allege
70	Accent	9,000	Allude
75	Accord	10,000	Aloud
80	Accost	15,000	Alumnus
90	Achieve	20,000	Amble
100	Acoustic	25,000	Ambush
150	Acquit	30,000	Amorous
200	Acute	36,000	Anchor
250	Addie	40,000	Anneal
300	Adduce	50,000	Anoint
400	Adept	60,000	Anthem
500	Adjoin		

NON-WARRANTY

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop.





Never before has the tradition behind Keystone Seeds meant so much. Almost a century of steady progress has welded into one the emblem of quality and volume of production so vital to our national effort.

The policy that has been so scrupulously followed in the past, which has caused users of Keystone Seeds to be so impressed with their quality, will not be relaxed. Every modern method and machine available is now in operation in the Keystone Seed cleaning plants and in the production fields throughout our seed growing areas.

* We want to take this opportunity to express our appreciation to the people whom we serve and to our many loyal farmer growers engaged in the production of Keystone Seeds, and for the fine understanding cooperation being shown in helping us meet the many difficult situations as they arise.

With our sincerest regards and best wishes, we remain,

Yours very truly, CORNELI SEED CO.





SEEDS

"The Emblem of Quality"

Keystone Seeds represent a standard of quality achieved through years of careful field testing and selecting the finest strains available in each variety. They are the result of careful breeding, supervised production, careful harvesting and cleaning, and their quality is proved by both laboratory and field tests.

CAREFUL BREEDING



MAKING PEA CROSSES ON OUR TWIN FALLS BREEDING AND EXPERIMENTAL FARM.

SUPERVISED PRODUCTION



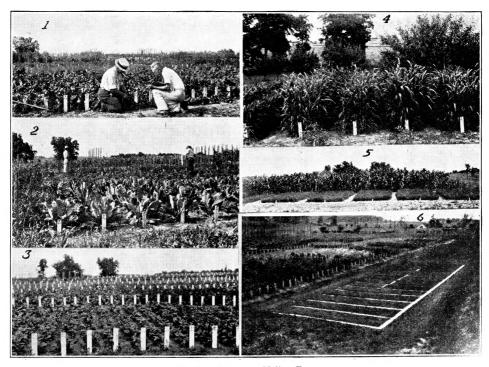
OUR GROWING STATIONS AND CLEANING PLANTS ARE CAREFULLY LOCATED AND CHOSEN TO ASSURE THE BEST OF SUPERVISION.

TRIAL GROUND TESTING



KEYSTONE VALLEY FARM—Every strain of Keystone Seeds is tested on our proving grounds.

KEYSTONE SEEDS FOR EVERY PURPOSE



Views at Keystone Valley Farm

- Taking notes on spring beet trials.
 Cauliflower trials.
 Spinach trials.

- Sudan grass plots, seeds from various origins.
 Alfalfa and corn plots.
 Lawn grass and flower trial plots.

PLEASE NOTICE

Telegraph Code: In sending messages of inquiry or orders, use the telegraph code word as given after each variety herein listed. The telegraphic code for weights may be found on inside of front cover.

Cultural Directions: Rather than give a lengthy discussion on cultural practices with each kind of seed we have printed in this catalog on page 85 our well known "Vegetable Crops Planting Chart". This chart gives in a concise form, general cultural directions for all kinds of vegetable seeds. On page 83 are "Gardening Suggestions" which may be very helpful in the preparation, planning and care of the garden.

Maturity Dates: After most varieties listed in the following descriptions under the heading of "Season" on the right-hand side of the page is a column of numbers representing days. It is impossible to predict the exact number of days that will be required to mature a given vegetable during one particular season, as different conditions and locations affect the growth of a crop. However, by taking an average over a number of years we can, as we have done, give the approximate days that will be required. Unless specifically noted with the descriptions the days given represent the average obtained on our Keystone Valley Farm at St. Louis, Mo.

Descriptions Herein: In this catalog we describe all the varieties, new and old, which in our opinion represent the standard and best types in existence for their specific purpose. There has been a tendency among seedsmen to rename or confuse the identity of varieties by adding a superfluous adjective. We have made an effort in this catalog to eliminate less desirable sorts and to list the known synonyms, with the accepted or preferred varietal name given first in capital letters and to also mention in the description when there is similarity existing between varieties.

Freezing Preservation: The quick freezing of vegetables as an industry and freezing preservation of home grown produce by individuals in local refrigeration plants, is increasing in importance in our daily supply of vegetables. We have indicated throughout the descriptions varieties which are recommended by researchers and commercial freezers as being adapted for freezing preservation.

Field Crops: For those interested in information on field crops, we have inserted on page 84 our "Field Crop Planting Chart" which lists the kinds of field seeds, pounds per standard bushel, recommended rate and time of sowing.

Flowers: In response to many requests for a list of the more commonly used and recommended varieties of flowers and their usage, we have given just such a list in a table form on page 87. The information therein sets forth the annuals, biennials, and perennials, periods of bloom, height of plant, and how they may be used.

ALL-AMERICA SELECTIONS: The All-America trials are performing a valuable and unusual service for the seed trade and the public. By a series of plantings throughout the United States new varieties and introductions of vegetables and flowers are carefully judged to determine the value and rating of each variety, and if they are winners they are given one of the following awards:

G. M. Gold Metal B. M. Bronze Medal
S. M. Silver Medal H. M. Honorable Mention

We have so marked each vegetable variety in this catalog which has received an award in past years.

ASPARAGUS

Asparagus officinalis-var. altilis

Telegraph Code

MARY WASHINGTON (Rust Resistant)

ACORN

The finest of the Washington rust-resistant strains of asparagus developed by the U. S. Department of Agriculture. This variety is rapidly replacing other sorts because, in addition to its freedom from rust, it is a heavy yielder, producing an abundance of early large shoots of rich dark green color with tightly folded tips. Universally used for market, canning purposes, and also recommended for freezing preservation.

PALMETTO ADAPT

An early, heavy producing variety of attractive deep green color. An old standard sort for the home and market garden.

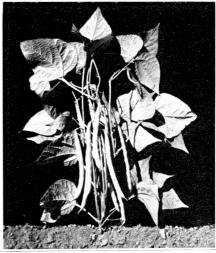
BEANS

There is so much more to good bean seed than that which strikes the eye in a sample, that it is difficult to bring out with a few words these all-important facts. To maintain, develop, and produce the most disease free and outstanding pure-line strains, along with quality found in our Keystone Beans, has been possible only by intensive effort and study. Our growing stations are located only in the most carefully selected areas with only one thought in mind, and that is to have only the best. We urge our customers to arrange their summer trips to visit our western growing stations, to take advantage of the old adage that "seeing is believing".

DWARF GREEN-PODDED VARIETIES

Phaseolus vulgaris





BLACK VALENTINE STRINGLESS-A leading shipping variety.

PLENTIFUL-A new shipping variety.

Season. Telegraph Days to Picking Code 49

BRAND

BLACK VALENTINE (Old Type)

The original type as known before the introduction of the stringless strains. Still used in some districts as it is a very early, productive, and hardy grower which holds up well for long distance shipping.

VINE —14 to 16 inches tall, medium green, very hardy, erect.

PODS -51/2 to 6 inches long, dark green, oval, stringy and fiberous unless picked in young stage.

SEED —Oval shape, color shining jet black.

Tele- Season. graph Days to Code Picking

BLACK VALENTINE STRINGLESS or Asgrow Stringless Valentine

BASSO 52

Adopted by shippers and market gardeners as the finest of all the Black Valentine strains for market and shipping. Very productive of fine quality beautiful pods that command a premium. All America Selection G. M. 1933.

VINE —16 to 18 inches tall, vigorous, erect, distinct foliage growth of dark green color and rose purple blossoms.

PODS $-6\frac{1}{2}$ to 7 inches long, oval, almost straight, stringless, very attractive velvety medium dark green color.

SEED -Long oval, slightly flattened, entirely jet back.

BLACK VALENTINE STRINGLESS (Round Pod)

BAZZN 52

Finding favor in some sections, where adapted, as a shipping and market garden variety. The true strain developes a fine long absolutely round, stringless, attractive, uniform pod.

VINE —15 to 17 inches tall, erect, good producer, dark green color.

PODS —6 to $6\frac{1}{2}$ inches long, dark green, round, stringless, slightly curved at end.

SEED —Oblong, entirely jet black.

BOUNTIFUL

BACON 48

A familiar variety which has for many years been used extensively by shippers and in

home and market gardens. The earliest of the flat pod varieties.

VINE —14 to 18 inchs tall, light green, vigorous, and heavy in production.

PODS —61/2 to 7 inches long, thick-flat, light green, tender, of good quality, becoming fibrous at maturity but stringless.

SEED -Color, entirely straw yellow with dark brown eye-ring.

BURPEE'S STRINGLESS GREEN POD, IMPROVED

BADGE

50

Old standard variety, widely known in all home and market gardens and canning districts. Recommended as being adapted to freezing preservation.

VINE —16 to 17 inches tall, dark green, very hardy, vigorous and productive.

PODS —51/2 to 6 inches long, medium dark green, slightly curved, round, absolutely stringless, fiberless, and of excellent quality and flavor when prepared.

SEED -Color, coffee brown with black eye-ring.

COMMODORE or Dwarf Kentucky Wonder

BAOON

58

A new introduction in the dwarf greenpod class. Produces pods more similar to Kentucky Wonder Pole than any bean yet developed. Well worth trying in the home garden and on local markets. Flavor is most appealing. *All America Selection S. M. 1938*. VINE —15 to 17 inches tall, medium dark green, rather open growth.

PODS —61/2 to 71/2 inches long, curved, slightly twisted and uneven, creasebacked, round, slender, stringless, fiberless, very fine grained, dark green flesh of excellent quality.

SEED —Color, reddish purple, has tendency to produce split end seeds.

DIXIE WHITE

BADDO

Generally used in the more southern states. May be used for snap beans when young, or as green or dry shelled beans. Very hardy and prolific.

VINE -14 to 18 inches tall, bush type, erect and sturdy.

PODS -41/2 inches long, green, tender when young, developing fiber and strings with age.

SEED —Color, white, small and oval shaped.

DWARF HORTICULTURAL or Speckled Cranberry or Dwarf Cherry

BADEN

52

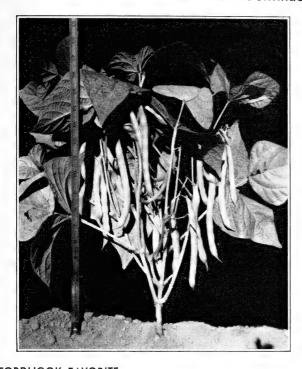
53

Used for snap beans, but chiefly grown for green shelled beans which takes from 60 to 62 days.

VINE —Medium height and vigorous.

PODS —4½ to 5 inches long, semi-round, stringless; light green in snap stage, turning white with splashes of crimson.

SEED —Color, buff with irregular spots of maroon, brown eye-ring, full oval shape.



KEYSTONIAN-Our new introduction for 1944. Showing excellent possibilities as a triple purpose bean for canning, shipping, freezing preservation, as well as for the home and market garden.

> Tele-Season. araph Days to Code Picking

> > 54

53

FORDHOOK FAVORITE

BRAZE A white seeded stringless greenpod of high quality which fulfills the twofold demand for a local market and home canning sort, with a white seed when mature which is

suitable for dried edible, soup or baking beans.

VINE —16 to 17 inches tall, somewhat similar to Burpee's Stringless greenpod from which it was derived.

PODS -5 to $5\frac{1}{2}$ inches long, plump, slightly curved, medium light green, absolutely stringless and fiberless, fine grained, tender flesh of excellent quality.

SEED -Oval shape, color entirely white.

FULL MEASURE BAFEL 54

An exceptionally high quality all purpose bean especially adapted for canners in the warmer central and upper southern states. Has merit for freezing preservation.

VINE —17 to 18 inches tall, medium green, vigorous, erect sturdy plant, and productive. PODS —6 to 6½ inches long, straight, round, bright medium green, very fleshy, absolutely stringless and fiberous, of very fine texture and excellent quality.

SEED -Color, reddish brown with buff field.

GIANT STRINGLESS GREEN POD

Standard variety which continues to be widely used in shipping, market gardening, canning, and home gardening. Recommended as being adapted to freezing preservation. VINE —16 to 17 inches tall, similar to Burpee's Stringless Green Pod but lighter green. PODS —6 to 6½ inches long, medium green, of excellent quality, absolutely stringless, fiberless, round, almost straight, tender, fleshy, and fine textured.

SEED -Color, yellowish brown with brown eye-ring.

KEYSTONIAN BRAVO 52

An entirely new greenpod variety developed out of Full Measure at our Twin Falls, Idaho, Breeding station. Tests in various sections of the United States, including the southern areas, show excellent possibilities as a triple purpose bean for shipping, canning and freezing preservation. Indications are that this bean has the combined productiveness, quality and hardiness to replace a number of the varieties now in use. VINE —18 inches tall, medium dark green, strong upright plant with sturdy stem and branches.

PODS —6 to 61/2 inches long, notable for holding fleshy snap stage, round, stringless, fiberless, solid, fine grained flesh, straight, and of rich dark green color.

SEED —Oblong shaped; color, medium brown, resembling Burpee Stringless.

Tele-Season. graph Days to Code Picking

LANDRETH STRINGLESS GREEN POD

BASTE 50

A splendid bean which was developed from a selection out of Burpee's Stringless Green Pod. It is popular throughout truck gardening, shipping, and canning area. Similar to Burpee's Stringless Green Pod Imp.

VINE —16 to 17 inches tall, darker foliage than Old Burpee, more hardy, and heavily productive.

PODS —51/2 to 6 inches long, darker, straighter, more slender, holds snap bean stage longer. Fine quality and flavor when prepared; entirely stringless and fiberless. SEED —Color, dark brown, more oblong in shape than Old Burpee.

LONG ISLAND LONG POD

BAOOR

50

Similar to Granda or Streamliner but develops a slightly longer pod, darker green and more vigorous. A cross between Prince and Worlds Fair. Of bountiful type, but of a more slender pod and about 3 days later in season. All America Selection B. M. 1942.

VINE —16 to 18 inches tall, medium green, vigorous, hardy, compact, and very productive.

PODS —71/2 to 8 inches long, slender, straight to slightly curved, flat, developes fiber rather quickly unless picked at young stage.

SEED -White, oval, suitable for use as a dry edible bean.

PLENTIFUL BAAUL 50

New introduction which is designed for the shipping trade to fulfill the same purpose as Bountiful. Besides showing good indications of rust resistance, it is acclaimed by large southern shippers as being generally superior from a market standpoint. Our tests show it to be only two days later than Bountiful, productive of longer, darker green, more attractive pods. All America Selection B. M. 1939.

VINE —16 to 18 inches tall, medium green, erect, vigorous, moderately compact.

PODS —7 to $7\frac{1}{2}$ inches long, thick flat, medium green, slightly curved, stringless, flesh firm, good flavor.

SEED —Color entirely jet black, shape large flattened oval.

RED VALENTINE BRAVE 52

A very old standard variety that has held popular favor for home garden and market use. It is quite hardy and has good keeping qualities.

VINE —12 to 14 inches tall, erect, compact, medium to light green, and good producer. PODS —4½ to 5 inches long, round, curved, rather slender, stringy, tender and fleshy when young.

SEED -Color, mostly red with occasional blotches of buff.



LONG ISLAND LONG POD— Very similar to Streamliner. A most productive sort with long attractive pods. Different and worthy of a place among the flatpod sorts.



REFUGEE, U. S. No. 5-Mosaic Resistant and Very Prolific.

Tele-Season. graph Days to Code Picking

RED VALENTINE STRINGLESS

A more recent variety with all the better qualities of the old stringy Red Valentine combined with the long-desired stringless pod. This bean is valuable for home and market garden; has the qualities to replace the old type almost entirely.

VINE -Similar to the old type Red Valentine.

PODS -41/2 to 5 inches, round, stringless, and fiberless, highly productive.

SEED -Color, identical with old type.

REFUGEE, STRINGLESS GREEN POD

BANDY

BRANT

68

64

Variety used in the canning field, especially for packing small whole green beans. Susceptible to mosaic and should be discontinued in favor of the new superior mosaic resistant varieties now available.

VINE —14 to 18 inches tall, spreading, distinct glossy medium dark green foliage, of numerous medium size leaves.

PODS $-4\frac{1}{2}$ to 5 inches long, round, straight, light green, stringless and fiberless.

SEED —Color bluish purple splashed on fawn field.

REFUGEE, IDAHO MOSAIC RESISTANT

BAIRD

Released by the University of Idaho for its mosaic resistance and earliness; it is to be highly recommended for all purposes over the old Refugees. Has merit for freezing preservation.

VINE —14 to 18 inches tall, spreading, Refugee type, vigorous and prolific.

PODS —Uniformily 5 inches long, round, straight, light green, stringless, fiberless, high quality, purple splashed at maturity.

SEED -Color like Refugee, bluish purple, splashed on fawn field.

REFUGEE, U. S. No. 5, MOSAIC RESISTANT

BANER

64

Released by the United States Department of Agriculture and is much superior for all purposes over the old Refugees: outstanding for earliness, resistance to mosaic, along with its desirable fine quality and uniform pods for the canning industry. Has merit for freezing preservation.

VINE —14 to 18 inches tall, spreading, Refugee type, vigorous and prolific.

PODS —Uniformily 43/4 inches long, round, straight, stringless, fiberless, very fine quality, uniform light green color even to maturity.

SEED —Color, like Refugee except has brown mottles.

Tele-Season. graph Days to Code Picking

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STREAMLINER or GRANDA

A silver medal winner in the All America trials in 1939 under the name of Granda. Of bountiful type but has a more slender pod. A good home and early market sort. VINE —16 to 18 inches tall, medium green, vigorous, hardy, compact and very productive.

PODS $-\frac{71}{2}$ to 8 inches long, slender, straight to slightly curved, flat, develops fiber

rather quickly unless picked at young stage. SEED -White, oval, suitable for use as a dry shell edible bean.

TENDERGREEN, or New Stringless

BRACT The leading all purpose round pod stringless bean for market gardeners, shippers, and canners. An improved type widely adapted, increasing in popularity every year. Truly a beautiful bean with excellent qualities. Recommended as adapted to freezing preservation.

VINE —16 to 17 inches tall, erect, sturdy, compact, hardy, heavy producer.

PODS —6 to 61/2 inches long, very refined, smooth, round, straight, stringless, fiberless, tender fine textured flesh, medium dark green attractive color.

SEED —Color, brownish purple on fawn field.

TENDERPOD

BRAPO An All America B. M. Winner in 1939. A good variety for the home and market garden. It is productive of high quality beans and somewhat different from the standard sorts most commonly grown.

VINE —18 inches tall, dark green, sturdy bush which produces pods well concentrated

to center of bush.

PODS —5 to 51/2 inches long, variety is characterized by unusually long, curving tip ends. Round, dark green, stringless, fiberless, and tender, with slight constrictions.

SEED —Oval shaped, white with reddish spot on either side of eye.

TENNESSEE GREEN POD or Brown Bunch

Often called Dwarf Kentucky Wonder. Very popular in the South, one reason being its extreme earliness.

VINE —10 to 12 inches tall, spreading, good producer, very dark green, sturdy plant with abundance of white bloom.

PODS —6 to 7 inches in length, exceptionally broad and flat, seeds prominent, stringy and fibrous, medium dark green, of good flavor.

SEED -Color, yellowish brown with obscure brown eye-ring.

DWARF WAX-PODDED VARIETIES Phaseolus vulgaris

BLACK WAX PENCIL POD

Outstanding wax pod in home and market gardens and for shipping, as is shown by its wide use and increasing demand. Highly dependable and productive, unsurpassed in quality.

VINE —14 to 16 inches tall, erect, stocky, vigorous, hardy, dull dark green, and

produces over a long period.

PODS —6 to $6\frac{1}{2}$ inches long, clear golden yellow, almost straight, round, absolutely stringless and fiberless, tender, brittle, fleshy, and fine textured.

SEED -Color, entirely shiny jet black, shape oblong.

BRITTLE WAX or Round Pod Kidney Wax

BECKY A leader and standard in the wax pods as a canning variety. Has supreme quality. Widely used in the home garden and recommended as adapted for freezing preservation. VINE -14 to 16 inches tall, medium green, erect, compact, very prolific under good conditions.

PODS —6 to 61/2 inches long, excellent quality, absolutely stringless and fiberless, round, slightly curved, brittle, tender, fleshy, and light yellow in color.

SEED -Color, white with dark brown to black irregular eye-ring.

DAVIS STRINGLESS WAX

A stringless Davis white wax which is now being used by many shippers. It replaces the old string type with a more productive strain of similar vine and a pod of more length. Good for the home garden as snap bean or as a dry shell bean for baking. VINE —14 to 16 inches tall, medium green, erect, hardy grower, very prolific.

PODS —6 to 61/2 inches long, thick flat, almost straight, stringless, some fiber, moderately

fleshy, light yellow color.

SEED -Color entirely white.



SURE CROP WAX-Leading Waxpod Shipper

Tele-Season. graph Days to Code Picking

GOLDEN WAX, TOP NOTCH

Code Picking
BETTO 50

A recent introduction released to replace the Improved Golden Wax. Superior to the old type Golden Wax for its productivity, hardiness, and length of pods.

VINE —12 to 14 inches tall, vigorous, erect, sturdy, compact, medium green color.

PODS —5 to 5½ inches long, thick flat, light golden yellow, stringless, tender and fleshy, straight, very uniform.

SEED —Color, white with irregular brown eye-ring, shape full oval.

GOLDEN WAX, IMPROVED

BEGAN

50

53

53

51

Very popular in home and market gardens as it is rust resistant, a heavy producer, and has fine flavor.

VINE —12 to 14 inches tall, fairly vigorous, erect, compact. Color, medium green. PODS —4½ inches long, light yellow, stringless, fleshy, fair texture, semi-round, straight. SEED —Short oval; color, creamy white field with large irregular brown to purplish

IMPROVED STRINGLESS KIDNEY WAX

area around eye-ring.

BEVEL

Excellent for canning. Desirable for its productiveness and high quality, it is often used in home and market gardens. Better adapted to warmer climates than Brittle Wax. Recommended as adapted for freezing preservation.

VINE —14 to 16 inches tall, comparable to Brittle Wax, erect, medium green.

PODS —6 to 61/2 inches long, oval, stringless, brittle, fleshy, fine texture, and quality excellent.

SEED -Color, white with large black eye-ring.

SURE CROP WAX or Bountiful Wax

BELOW

Unsurpassed in the flat-podded wax bean group. It has continued to gain favor until it is a leading shipper due to its dependability and marketing qualities, combined with the beautiful appearance of its pods. Also known as Bountiful Wax.

VINE —15 to 17 inches tall, medium green, vigorous, compact, hardy, heavy producer. PODS —6 to 6½ inches long, attractive yellow, thick-flat, stringless, very little fiber, brittle and fine texture, straight and slender.

SEED -Color, entirely jet black, shape flattened oval.

UNRIVALLED WAX

BELLE

Grown in home and market gardens and used by some southern shippers.

VINE —II to 13 inches tall, sturdy, erect, fairly good in production, glossy dark green. PODS —5 to 51/2 inches long, medium yellow, thick-flat, slender, stringless, brittle, and straight.

SEED -Color, entirely yellowish brown.

FIELD BEANS

Phaseolus vulgaris

Field beans are principally grown in the commercial bean production areas of the North and West where growing and harvest conditions are more ideal for the production of high grade edible beans. In the central and more southern areas home gardeners like to plant a small patch for home and local use and the best results are obtained when plantings are made late in June or first of July to take advantage of the more suitable growing and curing conditions of the early Fall months.

Telegraph Days to Dry Code Edible Beans

BUONE

90

GREAT NORTHERN

One of the more important dry edible commercial beans grown; thousands of acres produced in the areas of Montana, Wyoming and Idaho. Our stocks are of the

University of Idaho origination, mosaic and curly top resistant.

VINE —About 12 inches tall, becoming quite spreading with short runners, dark green color, of comparative short season and very productive.

PODS —31/2 to 4 inches long, flat, stringy and tough, not an edible pod. SEED —Color, entirely white, larger and more flattened oblong than navy.

WHITE NAVY or Pea (Michigan Navy) or Michelite

BUNNY 95

The most widely known and grown of the commercial beans. There are numerous names and strains of this bean. We are now supplying the newest and finest of these strains called Michelite, introduced by the Michigan Agricultural Experiment Station. Has resistance to mosaic and bacterial blight.

VINE —Similar to regular navy except little more vigorous growth and fine clean

healthy foliage.

PODS -31/2 inches long, flat, similar to white navy, not an edible pod.

SEED —Entirely glossy white, shape small, full, oval.

PINTO BRIEN 100

Of considerable commercial importance as a dry edible bean for making chile. Grown exclusively in the western states except for small home garden plantings in southern districts.

VINE —Similar to Great Northern except some strains more spreading.

PODS -31/2 to 4 inches long, flat, stringy and tough, not an edible pod.

SEED —Color, light buff field with brown splashings, shape broad oval.

RED KIDNEY (Dark) BRORY 95

Produced commercially in New York, Michigan and California and does nicely in home gardens for family needs in most localities. A beautifully colored bean of fine edible qualities.

VINE -14 to 16 inches tall, vigorous, prolific, bush type, compact, medium green color.

PODS -5 to $5\frac{1}{2}$ inches long, broad oval, medium green, stringy, fibrous, pod not

SEED —Color, dark rich red, flattened oval kidney shape.

WHITE KIDNEY BRADE 100

A large bush type bean producing large pure white kidney beans of fine dry shelled

VINE -18 to 20 inches tall, erect, compact, very sturdy and prolific.

PODS $-5\frac{1}{2}$ to 6 inches long, stringy, fibrous, flat pod not edible.

SEED -Color, entirely white, large flattened kidney shape.

WHITE MARROW BROKE 100

A well known old variety used as a dry shelled bean for baking. Principally grown in Northeastern United States but also widely grown in home gardens.

VINE —About 18 inches tall with many short runners standing out from the body of the plant.

PODS -5 to 51/2 inches long, large flattened, not edible pod.

SEED -Color, entirely white, medium large full oval shape.

BEANS—Continued POLE GREEN-PODDED VARIETIES

Phaseolus vulgaris

Tele-Season. graph Days to Code

ALABAMA No. I

Picking BLANE 48

55

60

Originated by the Alabama Experiment Station especially for the Southern areas as a resistant variety to root nematodes. May be generally classified as a creaseback type. VINE —Very hardy and productive grower, distinctive by its purple tinged stems.

PODS —61/2 inches long, purple tinged, round, almost straight.

SEED -Color, Black, medium small size.

BLUE LAKE—See description under White Creaseback.

BLUE LAKE, EARLY or Early White Creaseback

BLAOO

A distinctly early sort recommended for the shorter season sections. A very prolific bean coming into bearing ahead of all the other vining types. A good canning bean when picked young before the pods have time to develop strings.

VINE —Shorter than regular Blue Lake or White Creaseback, a fast grower, a good

climber.

PODS $-4\frac{1}{2}$ to 5 inches long, round, straight, stringless when young, tender, of high quality, and medium green color.

SEED —Entirely white, small, suitable as edible dry shell bean.

BLUE LAKE STRINGLESS

A new stringless sort to fulfill the demand for a stringless pole bean for canners who heretofore have had to rely on regular Blue Lake strains that develop strings with age. A very productive vine with high quality, fine flavored pods. Resistant to common bean mosaic and some forms of rust.

VINE —6 feet tall, a good climber, large, dark green, roughened leaves, hardy, vigor-

ous grower.

PODS —61/2 inches long, round, stringless, appealing flavor, bright dark green, fine grained and fleshy.

SEED —Entirely white, small, suitable as an edible dry shell bean.

BURGER'S STRINGLESS or White-Seeded Kentucky Wonder

Principally used in home and market gardens. Popular because of being stringless. Recommended as adapted to freezing preservation. VINE —41/2 to 5 feet tall; resembles Kentucky Wonder but not quite as vigorous; fair

in production; medium green.

PODS —6 to 7 inches long. Dark silvery green, round, stringless, fiberless, fleshy, brittle, and tender. Quality very good.

SEED —Color, entirely white; may be used as an edible dry shelled bean.

60

DECATUR A promising new home and market pole variety to be recommended for its productiveness and stringless, high quality pods, as well as for its resistance to several forms of bean rust and common bean mosaic. All America Selection S. M. 1942.

VINE —6 to 7 feet tall, good climber, early bearer, and a hardy sort with wide adaptation.

PODS -61/2 inches long, practically round, long, stringless, fleshy, bright dark green color, with fine flavor.

SEED —Entirely white, small, suitable for dry edible beans.

65 BLADE

A popular green shelled bean. Its unusually broad pod almost makes it a novelty. VINE —4½ to 5 feet tall, good climber. Color, medium green; fair in production. PODS—7½ to 9 inches long, tough, stringy, broad, flat, light green color. SEED —Color, entirely ivory white.

IDEAL MARKET or Black Valentine Pole or Black Creaseback

58

65

Becoming more in demand as it is very early, about 7 days ahead of Kentucky Wonder. VINE -31/2 to 4 feet tall, good climber, hardy, medium green color. Very productive. PODS —5 to 51/2 inches long, light silvery green, round, stringless when young, very

productive, straight, brittle, fleshy, and tender. Quality very good.

SEED —Color, entirely shining jet black.

IDEAL MARKET STRINGLESS

DUTCH CASEKNIFE

A new all-purpose bean of a stringless sort to fill the need for a stringless Ideal market. Noticeably productive as a stringless pole type and is highly recommended. VINE —5 feet tall, vigorous climber with distinct reddish purple flowers.

PODS —61/2 inches long, slender, straight, uniform, round, stringless, fleshy, dark green, of good quality and flavor.

SEED —Small, purplish black.

Telegraph Code

Season. Days to Picking 65

L7

KENTUCKY WONDER or Old Homestead or Texas Prolific

BLEED

The leading pole bean, the best known and most widely used. Outstanding in home and market gardens for its fine quality. Also a fine bean for canning and recommended as adapted for freezing preservation.

VINE -5 to 6 feet tall, good climber. Dark green foliage, prolific, hardy, good producer. Widely adapted to varying conditions.

PODS -71/2 to 9 inches long, uneven and slightly twisted, medium dark green, curved, slightly stringy, fiberless, tender, brittle, excellent quality and flavor.

SEED -Color, grayish brown to brown.

KENTUCKY WONDER, Rust Resistant

BLEOF

Similar to regular Kentucky Wonder except about two days later and pods are shorter in length about I inch. Has the advantage of being resistant to several forms of rust.

VINE —5 feet tall, a good climber and very productive. PODS —7 to 8 inches long, round, stringless, fiberless and tender when young, developing strong strings at maturity like regular Kentucky Wonder.

SEED -Color, grayish brown to brown.

LAZY WIFE or White Cranberry

BLESS 74

Fine for snap or green shell beans in the home garden. Also a good dry shelled bean. VINE -41/2 to 5 feet tall, heavy producer, long bearer, glossy medium green. PODS -51/2 to 61/2 inches long, dark green, good quality, stringless, almost fiberless,

fleshy, fine texture, smooth, thick-flat, slightly curved.

SEED -Color, entirely white, full round oval shape.

LONDON HORTICULTURAL or Speckled Cranberry or Wren's Egg

BLEAK 72

A very old variety familiar to nearly everyone. Used as snap or green shell bean in the home and market garden. Also a good dry shelled bean.

VINE —4 to 4½ feet tall, vigorous, abundant foliage, dark green. PODS —6 to 6½ inches long, dark green, turning lighter with splashes of red in green shell stage; stringless, almost fiberless, thick-flat, nearly straight, fleshy, quality good.

SEED —Color, splashes and streaks of red on a buff field, shape large full oval.



KENTUCKY WONDER-An old variety and a fine one.

BEANS—Continued Tele-Season. Days to graph Code Picking **McCASLAN** BLINK 66 A popular southern variety somewhat similar to Burger's Stringless. A fine bean for home and market gardens, used as either snap or dry shell beans. VINE -5 to $5\frac{1}{2}$ feet tall, medium, dark green, vigorous, prolific, hardy grower, good climber. PODS —7 to 8 inches long, fleshy, medium green, slightly stringy, some fiber, slightly flattened and twisted, of good quality in younger stages. SEED —Color, entirely ivory white, shape oblong and flattened. MISSOURI WONDER or Noxall or Nancy D BLOAT 66 Excellent sort for green shelled beans. One of the popular beans for planting with corn. VINE —Large, good climber, medium to dark green, productive vigorous type. PODS —6 to 7 inches long, medium green, round, curved, stringy, fibrous, quality fair. SEED —Color, pinkish grey mottled field with irregular drab striping, large oblong. OREGON GIANT BLINY 70 A variety adapted to and principally used in the Pacific Northwest. Noted for its exceptionally large, meaty, distinct and fine flavored pods. VINE —5 to 6 feet tall, fairly prolific, a good climber. PODS -81/2 to 9 inches long, broad, thick, flat, very meaty, purplish splashed. SEED —Large kidney shaped, pinkish tan with black stripes. **RED SPECKLED CUT SHORT BLOCK** 74 A leading variety in the South for planting with corn. VINE $-4\frac{1}{2}$ to $5\frac{1}{2}$ feet tall, productive over a long season, heavy foliage, dark green, prolific. PODS —3 to 4 inches long, dark green, round, straight, medium fleshy, brittle, very little string and good quality when in young stage. SEED —Color, grey field splashed with purplish crimson, small flattened oval. 65 ST. LOUIS PERFECTION WHITE or White Cornfield Improved BLOND One of the finest varieties available today for use as a green snap or dry shell bean in the home and market garden. Noted in local markets for its superbly long attractive VINE —5 to 6 feet tall, very productive over a long period, good climber, hardy. PODS —8 to 9 inches and longer, medium green, nearly straight, almost round, creaseback, very little strings, fiberless, brittle, very good quality. SEED —Color, entirely white, shape round oblong, medium size. BLUES 64 SCARLET RUNNER Phaseolus coccineus Outstanding bean for its ornamental purposes but may also be used for green shell or snap beans. VINE —10 to 12 feet tall, dense, glossy dark green. Has large, beautiful scarlet blossoms. PODS —6 to $6\frac{1}{2}$ inches long, broad, oval, fleshy, stringy, fair quality in young stage. SEED -Color, purple field mottled with violet, shape large flat long broad oval. 72 STRIPED CREASEBACK or Nancy Davis or Scotia Excellent variety for planting with corn. Used for snap beans. Unusually productive. VINE $-4\frac{1}{2}$ to 5 feet tall, very good climber, heavy stem and foliage, dark green. PODS —6 to 61/2 inches long, medium green, round, fleshy, stringy, brittle, good quality. SEED -Color, mottled buff field with black stripes, medium small plump oval. 72 TENNESSEE WONDER or Egg Harbor or Brown Sickle or Striped Sickle

Remarkable variety for its fine-shaped and large-sized pods. VINE -4 to $4\frac{1}{2}$ feet tall. Good climber, purplish color tendencies on stems and pods. PODS —7 to 8 inches long, light green, round, straight, almost stringless, fiberless. SEED —Color, mottled mouse and buff field with black stripes. Black eye-ring. BLOWY

65 WHITE CREASEBACK or White Confield or Blue Lake An old bean commonly grown, particularly in the South, for home gardening. Our stock is the Blue Lake strain known to canners for its fine quality and flavor when packed in young stage. Has merit for freezing preservation. VINE —4 to 5 feet tall, good climber, hardy, productive, dark green, long bearer. PODS —51/2 to 6 inches long, uniform, medium green, fleshy, stringless when young, round, brittle, good quality. SEED —Color, entirely white, small oval, makes a good dry shelled bean.

Telegraph Season. Days to Pickina

YARDLONG (Asparagus Bean) Vigna sineusis sesquipedalis Code

BOOST 70

A bean used in the home garden and canning as "Asparagus Beans." Has pods of unbelievable length. Entire plant somewhat similar to the cowpea. VINE —51/2 to 61/2 feet tall, vigorous, rank, dark green.

PODS -18 to 28 inches long, 1/4-inch in diameter, light green, nearly round, fleshy, good quality when young.

SEED -Color, entirely reddish brown; very small, half the size of Michigan Navy Bean.

POLE WAX-PODDED VARIETIES Phaseolus vulgaris

GOLDEN CLUSTER WAX

BLAST

74

Particularly desirable as an early home garden and market sort. May be used either as snap, green shell, or dry beans. VINE -41/2 to 5 feet tall, good climber, heavy foliage, vigorous, hardy, long season

producer, light green.

PODS —6 to 7 inches long, waxy yellow, flat, broad, excellent quality, stringless, fiberless, tender, and brittle.

SEED -Color, entirely a veined, dull white.

KENTUCKY WONDER WAX

BLEND

67

Unsurpassed within the wax-podded pole variety field. A very heavy producer of attracvive, high quality pods. Also good for green shell beans.

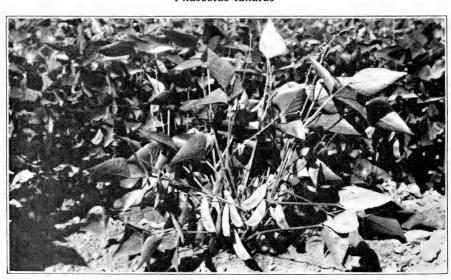
VINE —4 to 5 feet tall, good climber, very productive, dark green.

PODS —7 to 7½ inches long, light golden yellow, thick-flat to oval, quality good, almost

stringless, brittle, tender, and fleshy.

SEED —Inclined to wrinkle, color entirely chocolate brown, shape flat oval.

DWARF LIMA BEANS Phaseolus lunatus



BABY POTATO, EARLY-A superior quality lima.

BABY FORDHOOK

70

Developed by Dr. Roy Magruder of U.S.D.A. by crossing Fordhook with Henderson. Showing fine possibilities as a canner and has merit for freezing preservation. VINE —14 to 16 inches tall, similar to Henderson Bush except little shorter and more

branched in appearance; very prolific. PODS -21/4 inches long, slightly curved, tightly packed with 3 to 4 small thick beans of green color.

SEED -Small, light cream with greenish tint; thick, slightly dimpled.

BIBLE

78

75

75

BEANS—Continued

Tele-Season, Days to graph Code Picking

BABY POTATO

Originated by Prof. W. A. Huelson of the University of Illinois and an All-American Winner in 1939. It is well adapted for canners and freezing preservation and is of sweet flavor on the order of Fordhook. Also fine for the home and market garden. All America Selection S. M. 1940.

VINE —16 to 18 inches tall, similar to Henderson; very hardy and prolific.

PODS -23/4 inches long, slightly curved, dark green, 3 to 4 thick beans per pod of bright green color.

SEED -Shorter and thicker than Henderson's.

BABY POTATO, EARLY

BIOIN About one week earlier than regular Baby Potato, otherwise very similar. Recommended for more northern areas where Baby Potato is too late for proper development.

VINE —16 to 18 inches tall, very sturdy, robust plant, exceptionally productive. PODS —2¾ inches long, slightly curved, medium green, 3 to 4 beans per pod. Green

shelled beans of high quality and bright green color. SEED -Shorter and thicker than Henderson.

BURPEE'S LARGE BUSH LIMA

Known for its large, high quality seeds and productiveness.

VINE —14 to 20 inches tall, spreading in growth, productive, medium green.

PODS $-4\frac{1}{2}$ to 5 inches long, 3 to 4 seeds per pod, broad-flat.

SEED -Color, entirely dull white with greenish tinge; large.

BURPEE'S IMPROVED BUSH LIMA

BIGHT Improvement over the Burpee's Large Bush Lima. Has larger, thicker beans, slightly earlier, more greenish tinged seed. Recommended as adapted for freezing preservation. VINE —16 to 22 inches tall, uniform growth, dark glossy green, vigorous, very produc-

, tive. PODS -41/2 to 51/2 inches long, 4 large and thick seeds per pod, broad-flat.

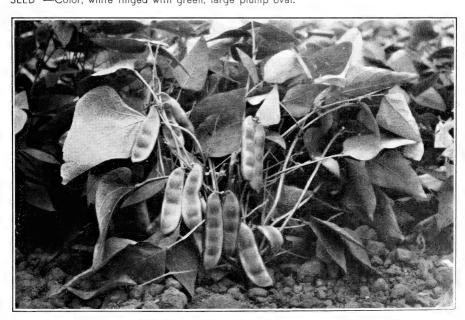
SEED -Color, greenish white, large.

FORDHOOK BUSH LIMA

BIEGE This lima is famed for its distinct large size and appealing flavor. In great demand by market gardeners and for shipping green. Recommended as adapted to freezing preservation.

VINE —16 to 20 inches tall, vigorous, heavily productive, erect, dark green. PODS —4 to $4\frac{1}{2}$ inches long, 3 to 4 seeds per pod, straight, broad-plump.

SEED -Color, white tinged with green, large plump oval.



FORDHOOK BUSH LIMA-Selected to excellent type and uniformity.

Telegraph Code

Season. Days to Picking

HENDERSON BUSH LIMA (Baby Lima)

Most widely used of the lima beans for home and market gardens, principal canner variety because of its productiveness, hardiness, resistance to disease. Our improved strain'is very valuable for its earliness and uniformity in development of green shelled beans. Recommended as adapted to freezing preservation.

VINE —16 inches tall, vigorous, productive, erect, very uniform growth.

PODS —3 to 31/4 inches long, dark green, broad-flat, slightly curved, 3 to 4 seeds per pod.

SEED -Color, entirely creamy white, small flat. A fine dry shell bean.

JACKSON WONDER SPECKLED or Calico

BIDET 68

A popular bean in the South. Noted for its extreme hardiness.

VINE -16 to 20 inches tall, spreading, glossy dark green, highly productive.

PODS —3 to 31/2 inches long, dark green, broad-flat, somewhat curved, 3 to 4 seeds

SEED -Color, buff field splashed with purplish black.

THOROGREEN or Green Seeded Henderson

BRETT

66

71

90

78

88

88

The original Green Seeded Lima, which has now been selected to a fine uniform stock. Supergreen, Clark's Bush, and Cangreen are all similar types and are being highly recommended. A valuable addition for canners and freezers as the green cotyledon eliminates the white seeds which appear from overmature pods in regular Hendersons at the processing stage.

VINE —16 inches tall, vigorous, productive, similar to Henderson. PODS —3 inches long, 3 to 4 seeds per pod, similar to Henderson.

SEED —Has green cotyledon, giving dry seed a green color.

WOOD'S PROLIFIC

BREDE

Quite similar to Henderson's Bush Lima, except Wood's Prolific is more vigorous, vine is a little larger, pods slightly longer, seeds larger, and somewhat longer in season.

POLE LIMA BEANS Phaseolus lunatus

CHRISTMAS LIMA or Large Speckled

BOANE

A new pole lima of our offering. Produces large seeds of beautifully contrasted Christmas colors. Growth and habit similar to large white lima. Worthy of a place in

VINÉ —7 to 9 feet tall, similar to large white except leaves little narrower.

PODS -5 to $5\frac{1}{2}$ inches long, 3 beans per pod, slightly curved, large-flat.

SEED —Color, creamy green field with slightly raised areas of dark vivid red.

FLORIDA BUTTER SPECKLED

BOAST

Commonly grown in the South. Adapts itself to adverse seasonal conditions very readily. Used either in the green shelled or dry bean stage.

VINE -6 to 8 feet tall, glossy dark green, heavy yielder over a long period.

PODS —3 to 31/4 inches long, flat and slender, 3 seeds per pod, medium green.

SEED —Color, buff field with brownish spots and purplish eye-ring.

KING OF THE GARDEN LIMA

BOHEA

Outstanding among the pole limas for heavy production and climbing ability. It is an improved form of the Large White Lima. Recommended as adapted for freezing

preservation. VINE -7 to 9 feet tall, excellent climber, productive over long season, medium green,

quite vigorous.

PODS $-5\frac{1}{2}$ to $6\frac{1}{2}$ inches long, 4 to 5 beans per pod, light green, flat, and slightly curved.

SEED -Color, entirely white, large thick flat.

LARGE WHITE LIMA or Butter

BOLAS

Similar to the King of the Garden. Used principally in the home garden. VINE -7 to 9 feet tall, excellent climber, production season fairly long.

PODS -5 to $5\frac{1}{2}$ inches long, 3 to 4 seeds per pod, flat, curved, light green.

SEED -Color, entirely white, large thick flat.

Tele-Season. graph Days to Code Picking

SIEVA or Small White Lima or Carolina

BONNE 77

A small-seeded pole bean comparable in many ways to the Henderson Bush Lima. Very popular in the South. Earliest of the pole limas and continues bearing until frost. VINE —9 to 10 feet tall, excellent climber, glossy dark green, very heavy yielder.

PODS —3 inches long, broad, flat, medium green, 3 to 4 seeds per pod.

SEED -Color, entirely white, small flat like Henderson.

WILLOW LEAF **BOLLY** 80

A novel appearing type because of its very narrow willow-like leaves which give advantage of being more drouth and heat resistant. Otherwise similar to Sieva. VINE —Similar to Sieva except as noted, with long, narrow leaves.

PODS -Similar Sieva.

SEED -Entirely white, similar Sieva.

WOODS IMPROVED

BOLEP 80

A Sieva type producing a larger pod and seed than regular Sieva Pole Lima. Very productive and a fine bean for the home garden.

VINE —8 to 9 feet tall, excellent climber, dark green foliage, and very hardy.

PODS —31/2 inches long, broad, flat, 3 to 4 seeds per pod. SEED —Entirely white, tendency to triangular shape.

VEGETABLE SOYBEANS

Soja Max

* Varieties Preferable for Roasting

Considerable interest is being shown in the edible soybean and it is now becoming an important item of food to the American people. The U.S.D.A. and the University of Illinois (1) have done a great deal of research work with these vegetable varieties and now have made available a selection gathered from the Orient. They are of hardy sorts resistant to disease and drought; heavily productive, adapted to growing over a wide area and easily cultivated.

These vegetable-types, when prepared for the table in the green stage should be firm, bright green in color with a nutty texture and can be used in the same way as green peas or lima beans. They are high in food value and compared with peas or lima beans, either in green or dry stage, they are richer in protein and fat.

Roasted soybeans are very good and easily prepared by soaking the dry beans overnight, boil for one hour in salted water, spread in a shallow pan and roast in moderate oven (350° F.) until browned. Add a small amount of butter and sprinkle with salt while still warm. (2)

Reports of trials indicate fine possibilities for this new vegetable in the home and market garden and for the commercial canner. Tests on our St. Louis Trial Farm have given splendid results, indicating they are well suited for our own locality.

As information for the growing of the edible soybean we describe below in seasonal classification recommended varieties. The days to edible stage as given represent a three-year average at Urbana, Illinois (1). It requires from 3 to 4 weeks after edible stage to reach the dry shell maturity.

> Season. **EARLY VARIETIES** Tele-Days to graph Edible Code Stage

GIANT GREEN

BASOY

91

Earliest of all varieties described here. A home garden sort and desirable in localities with short growing season. Recommended for use in green shell stage. Shatters badly upon ripening. Plant short and erect. Seed large and green.

96

An early type extensively used by commercial canners and adapted for production of ripe beans in regions of shorter seasons. Also a fine home garden variety for green shelling. Very productive, not as susceptible to shattering. Pods yellow with black tinge. Plant erect and medium height. Seed large and yellow.

VEGETABLE SOYBEANS—Continued

*Varieties preferable for roasting.

Season.
Tele- Days to graph Edible
Code Stage

MIDSEASON VARIETIES

*ILLINI BOUOY 99

This popular commercial field variety has good edible qualities as a dry bean. Quality as a green bean is good but it is too difficult to shell. Pods tinged with black. Does not shatter. Plant tall, upright and very prolific. A good variety for roasting although Imperial or Hokkaido are preferable when available. Seed small and yellow.

*HOKKAIDO BIEOY 104

Recommended for use in either green shell or dry stage. Easy to shell and holds green stage for unusual length of time; large clear yellow pods. Tendency to shatter when ripe, heavy yielder. Plant erect and medium height. Although not quite as good for roasting as Imperial, this is a very good variety for that purpose. Seed yellow and large.

JOGUN BUEOY 102

On the order of Hokkaido except seed slightly smaller. Yields somewhat variable and has tendency to shatter. Pods clear yellow. Plants erect and of medium height. Seed yellow and large.

WILLOMI BAAOY 103

Recommended as being the best of the edible sorts on the basis of quality for table use in both green shell and dry ripe bean. Pods green turning to yellow with some purplish spots. Less tendency to shatter and slightly smaller than Hokkaido. Plant erect, medium height, and prolific. Seed yellow and large.

LATE VARIETIES

AODA BAYOR IIO

An important canner variety now used extensively for packing in the green shell stage. Also makes a very good home garden sort. Being a large green seeded type with delicate, pleasing flavor, it is highly recommended in sections with sufficiently long growing season. Plant grows 30 inches tall, erect, and compact. Seed large and green.

*IMPERIAL BNMOY III

Late varieties like Imperial may be used along with the shorter season sort to have a supply of green shelled beans over a long period. Pods large with purplish tinge. Plant tall, fairly erect, shattering slight. The dry seed of this is one of the best for roasting as it makes a crisper, more tender, appealing flavored nut than other sorts. Seed yellow and large.

EMPEROR BMIOY III

Has attractive, large, entirely yellow pods adding to market value. Plant medium tall, branched sprawling, prolific and vigorous. Slightly tedious to shell and shattering is slight. Seed yellow and large.

HIĜAN BIPOY 117

A late variety for more southern areas of long season. Has medium size pods of very attractive green color turning to clear yellow. Has good possibilities for the canner in green shelled stage. A very prolific sort but shatters badly if not harvested immediately. Plant erect and medium height. Seed yellow and medium size.

- Edible Soybeans, Bulletin 453, by J. W. Lloyd and W. L. Burlison, University of Illinois, Agr. Exp. Sta., Urbana, Ill.
- 2. Ways of Using Soybeans as Food, University of Illinois, Urbana, Ill.
- 3. Vegetable Soybeans, Bulletin P39, Iowa State College, Ames, Iowa.
- 4. Edible Soybeans, Bulletin 255, Ala. Polytechnic Institute, Auburn, Ala.
- 5. Vegetable Varieties of Soybeans, U.S.D.A., Bureau of Plant Industry, Washington, D. C.
- 6. Soybeans for the Table, Leaflet No. 166, U.S.D.A., Washington, D. C.

BEETS

Beta vulgaris



TAKING NOTES ON BEETS AT KEYSTONE VALLEY "FARM" NOTE VARIETAL DIFFERENCES

Season. Davs Teleto Margraph ketable Code Roots

64

55

TABLE VARIETIES

BONUS

CRIMSON GLOBE A home and market garden variety, medium late in season. Tops medium green and size. SHAPE-3 inches in diameter, uniform globe shape.

FLESH — Deep crimson, with alternate zoning of slightly lighter shades.

CROSBY'S EGYPTIAN BOOKY 55 A very fine, extra early sort for home and market garden use. Especially desirable as

an early bunching type. Tops medium in size. SHAPE—Flattened globe, smooth; small and slender tap root.

FLESH —Rich deep red, without fiber, fine textured, tender and crisp, of distinctly pleasing, sweet flavor.

58 DETROIT DARK RED BOOTS

The best all-purpose garden beet. It stands for superb quality and is of leading value as a main-crop sort for gardeners, truckers, shippers, or canners. A good keeper. Tops intermediate in height, uniform, refined, dark green becoming tinged with red. Recommended as adapted for freezing preservation.

SHAPE—Globe, smooth, clean, slender tap root; attains globe shape while still small. FLESH — Very dark red throughout; remains free of fiber, tender, sweet, and of superb quality at all stages of growth.

DETROIT DARK RED, SHORT TOP

A strikingly uniform strain producing a very smooth, well shaped root of premium quality. The reddish tinged tops are smaller and shorter than other strains of Detroit and give a very refined appearance. An excellent, all-purpose beet and especially desirable for canners where a small size is preferred for whole pack. May be used for freezing preservation.

SHAPE—Rounded, very smooth and clean with small, slender tap root with a very deep dark red skin.

FLESH — Very dark blackish red throughout. Of tender and fine uniform quality.

BEETS—Continued

Telegraph Code

Season. Days to Marketable Roots

60

PERFECTED DETROIT

BOONE 60 A superb canning and market variety. Has resemblance to regular Detroit Dark Red

but has darker red flesh and coarser, taller tops. A mid-season sort that holds canning stage over a long period and is very good for dicing. All America Selection S. M. 1934.

SHAPE—Globular, medium smooth; slender tap root attains globe shape while still small.

FLESH —Solid deep dark red, beautiful when diced or canned whole, tender and sweet at all stages of growth.

EARLY BLOOD TURNIP, EDMAND'S

BOOZE

Dependable, second early, standard sort, excellent in the home and market garden. Tops medium size. Known to be a good keeper.

SHAPE—Nearly round, smooth, free of side roots, deep dark red, turnip type. FLESH — Deep red with zones of brighter red, tender, crisp, of sweet flavor.

EARLY ECLIPSE BORAX 55 A popular variety used as an early sort in the home and market garden. Inclined

towards variation of flesh color. Medium tops light green in color with red ribs. SHAPE—Deep round, smooth, inclined to be top shaped, uniform in size, dark red outer color.

FLESH -Bright red, with zones of pinkish white; of good flavor.

EARLY WONDER

BORNE 52

An outstanding variety for a first early sort. Highly desirable for the home and market garden and most valuable for truckers and shippers. A selection from Crosby's Egyptian giving splendid quality plus extreme earliness. Tops small and erect, uniform medium green.

SHAPE—Flattened globe, very uniform in size and color, smooth with no side roots, tap root small and slender, dark blood red.

FLESH - Deep purplish red, with indistinct zoning; tender; of fine high quality and sweet flavor

EARLY WONDER GREEN TOP

BOROP

57

Developed especially for the market garden and shipping trade which prefers a top which may be used for greens. Has guickly found favor with the large shippers.

SHAPE—Flattened Globe and otherwise similar to Early Wonder for shipping and market garden purposes.

FLESH — Purplish red, with indistinct zoning and of high quality and flavor.

EXTRA EARLY EGYPTIAN DARK RED

BOSKY

50

The earliest beet. Excellent for forcing or transplanting for very early market. Also desirable for home gardens. Tops medium to small, and erect.

SHAPE—Flat, smooth; slender tap root; dark red in color.

FLESH - Dark blood red, with some zoning; fine flavor and quality.

STRAWBERRY CROSBY or Vermilion Crosby

BOTTO

55

Distinct for its light brick red color. Distinctive and attractive on the market. SHAPE—Turnip shape, smooth, small tap root; outer color bright carmine red. FLESH - Vermilion red, lighter zones.

LONG SMOOTH BLOOD RED

BOTCH

80

Noted for its ability to withstand drought. A good winter keeper. Large, upright tops. \$HAPE—10 to 12 inches long, and slender; dark purplish red, grows partly out of ground.

FLESH - Purplish red, with zones of lighter shade, of good quality.

BEETS—Continued

Tele- to Margraph ketable Code Roots

SUGAR BEET AND MANGEL-WURZEL

Beta vulgaris

GOLDEN TANKARD

BOWIN

Roots large, orange yellow, tankard shape; extends well out of the ground, grayish brown above ground and deep orange below. Flesh, yellow with white zones.

MAMMOTH LONG RED

BOWER

The most important mangel, not only from feed value but in productiveness. Roots are very large, tapering, light red, about one-half growing above ground. White flesh, tinged with pinkish red.

IMPROVED WHITE SUGAR or Klein Wanzleben

BOYAR

A fine sugar beet which is used extensively for sugar or stock feeding. Exceptionally high in production. White, long oval root with greenish crown, flesh white.

GIANT HALF SUGAR, GREEN TOP

BOPIP

Similar to Giant Half Sugar Rose Top except tops and shoulder of root is green.

GIANT HALF SUGAR, ROSE TOP

BOYCO

Another fine variety for stock feed. Roots long oval, lower portion whitish and upper or shoulder is rose in color. Flesh, unusually sweet and white.

SLUDSTRUP

BOPON

Tests show this mangel to be of very high feeding value and one which should be used more extensively. Roots are long, pointed oval with reddish yellow skin and white flesh. Top and tap root is small and it extends well out of ground, making harvest easy.

SW	155	CH	IAI	RD

Season. Tele- Days graph to

Beta vulgaris-var. Cicla

graph to Code Cutting

COMMON GREEN (SPINACH BEET)

BATIR

IR 55

A rather narrow-ribbed variety that is used principally in certain Southern districts. Leaves are smooth, medium dark green with stems medium green.

FORDHOOK GIANT

BOUPO

55

A home and market garden variety of distinct and attractive crumpled dark green leaves. Large broad, fleshy white stems of fine quality.

LARGE RIBBED, FRENCH DARK GREEN or White Silver

BEFAR

55

A favorite among a large number of gardeners because of its broad, thick, meaty midribs which are used like asparagus. Leaves are almost smooth, appealing dark green, and make excellent greens; stems thick, broad and white.

LUCULLUS

BOULE

55

The most commonly grown chard. It is not only a fine home garden variety, but is most satisfactory for market use. Stems and midribs are light green in color, broad, and thick; leaves light green, fleshy, crumpled, attractive; make excellent greens.

BROCCOLI

Brassica oleracea-var. italica



Calabrese or Italian Green Sprouting Broccoli

Season. Days Plants Set to Edible Stage

Telegraph Code

ITALIAN GREEN SPROUTING (CALABRESE)

60 BRACE

The outstanding variety for the trade that has rapidly developed in the last few years. There is none better for either shippers, home, or market gardeners. The plant is tall, erect, with a central head and numerous side sprouts. When the central head or cluster of green flower buds is cut, then the side sprouts shoot out small clusters which continue to furnish edible heads over a long season. When prepared for the table, it has a distinct and delicate flavor which is most enjoyable. Adapted to freezing preservation.

BRUSSELS SPROUTS

Brassica oleracea-var. gemmifera

LONG ISLAND IMPROVED

BRATT

90

A fine sort for home and truck gardeners. Most commonly grown as a fall, winter, and early spring crop. The plants are dwarf and compact, usually becoming about 20 inches tall, producing solid, round, cabbage-like balls 11/2 inches in diameter. These balls mature in succession from the base of the plant upward and should be harvested accordingly. Plants may be cut and stored under a heavy layer of straw and the sprouts picked when desired during the winter months.

CABBAGE

Brassica oleracea—var. capitata

Season. Days Plants Set to

Tele-Marketgraph able Code Heads 80

ALL HEAD EARLY

CAIRN

An excellent, second early variety, popular as a shipper in the South and particularly fine for kraut,

PLANT - Medium size and compact, stem short, medium green in color.

HEADS—9 inches broad and 7 inches deep, appearing rather flattened, with rounded top, a large head for such an early variety, quite firm, white, of good texture and quality.

ALL SEASONS

CALCY

90

A mid-season, hardy variety, well adapted to withstand hot, dry weather. It is one of the best for kraut use and a fine keeper.

PLANT - Large, vigorous, spreading, stem medium length, medium green.

HEADS—9 inches broad and 7 inches deep, rounded at both top and bottom, giving an oblate shape, very solid and compact, white, of excellent quality.

CABBAGE—Continued



KEYSTONE GOLDEN ACRE. EXTRA SELECT-Beautifully uniform,

Season. Days Plants Set to Marketable Heads

Telegraph Code

CHARLESTON WAKEFIELD

73 CALVE

A popular variety, a full week later and producing a less pointed and broader head than Early Jersey Wakefield. A heavy-yielding, over-wintering type for the South. A good shipper and market gardener variety.

PLANT—Medium size, rather spreading, stem short, medium green in color.

HEADS—8 inches long and 7 inches across at the base, with a heart shape. Large for an early variety, tender, of good quality, small core.

COPENHAGEN MARKET

CALYX 70

A splendid cabbage that is outstanding for shipping and general use in home and market gardens. The highest yielding early cabbage.

PLANT — Medium-sized, short-stemmed, vigorous grower, medium green; leaves short, standing well away from the head.

HEADS-61/2 to 7 inches in diameter, round, not susceptible of bursting, white, crisp, tender, solid, of good quality and uniformity, and very attractive.

KEYSTONE COPENHAGEN MARKET, EXTRA SELECT

CALLS

48

An improved and highly refined strain of Copenhagen Market for the critical shipper who wants the best uniformity and type that money can buy. It is truly outstanding. PLANT - Medium size, rapid vigorous grower, compact, short stemmed.

HEADS-61/2 inches in diameter, attractively round, solid, crisp and white, of excellent quality and uniformity.

CORNELI'S LATE FLAT DUTCH

CAMEL

105

An excellent strain of large, main-crop cabbage that is preferred for the late crop by market gardeners, shippers, and home gardeners alike. Excellent keeper. PLANT—Large, spreading, stem medium short, bluish medium green color. HEADS-12 inches broad and 7 inches deep, flattened on top, firm, white, and of

good quality.

62

.66

kraut, or storage.

sure header.

and flavor.

shipping.

GLORY OF ENKHUIZEN

Season. CABBAGE—Continued Days Plants Set to Tele-Marketgraph able Code Heads CAROL 105 DANISH BALL HEAD, SHORT STEM The best late cabbage. Unexcelled as an all-purpose variety for market, shipping, PLANT - Medium to large, short stem, leaves medium and rather upright, medium to dark green with coating of grayish bloom. HEADS-71/2 inches broad and 61/2 inches deep, very hard, white interior, crisp, tender, of fine flavor and quality. KEYSTONE DANISH ROUNDHEAD, SHORT STEM 100 This strain is particularly successful as a late variety for the southern shipper to put on the market in the North during the winter months. It is famous for its production of uniform heads as hard as a bullet, even in heading stage, which can be packed in crates for marketing at a premium price. PLANT - Medium large size, short stem, rather erect and compact, very hardy and HEADS-7 inches broad and 61/2 inches deep, very hard, white interior, crisp, tender, of fine flavor and quality. EARLY DWARF FLAT DUTCH or Round Dutch or Early Drumhead COLOR 84 A dependable second early variety that is good for home and market gardening. PLANT - Small, vigorous, compact, leaves fairly erect, short-stemmed, and medium dark green, suitable for close planting. HEADS—7 inches broad and 61/2 inches deep, appearing almost round, of good quality EARLY DWARF ULM SAVOY 85 The best early crinkle-leaved or Savoy cabbage. Fine for home garden use or early PLANT - Dwarf, compact, leaves dark green, crumpled and wrinkled; short stem. HEADS—Around 6 inches in diameter, flattened oval, compact, leaves crumpled, of excellent quality. EARLY JERSEY WAKEFIELD CANDY 63 Extremely early; in fact, the earliest and surest heading variety, as well as the most popular pointed cabbage. Especially selected seed that produces well for early home and market gardeners as well as for shipping. PLANT - Small, compact, somewhat erect, short-stemmed, medium green. HEADS—7 inches long and 5 inches in diameter at the base, conical in shape, firmly developed; interior white, crisp, tender, and especially fine flavored. 80 A sure cropper, regarded as a standard mid-season variety. Well adapted for kraut purposes but also makes a good shipper. PLANT—Large, spreading, vigorous, medium green. An early strain of the Copenhagen type. A very uniform, maturing and attractive sort

HEADS-Large, 9 inches in diameter, round, solid, a very fine quality head. **GOLDEN ACRE**

which makes an excellent home, market, or shipping variety. PLANT — Rather small, short stem, short leaves, good variety for close planting, light

green, erect growth habit.

HEADS—Round, small, 6 to 61/2 inches in diameter, solid; interior white, crisp, tender, of excellent quality.

KEYSTONE GOLDEN ACRE, EXTRA SELECT CANNY This is our shipping or early market strain of Golden Acre which is the result of several years selection work and the earliest of all the round head varieties. The uniformity is beautiful and astonishing.

PLANT — Small, short stemmed, being erect and compact it is suitable for close planting, light green color.

HEADS—6 inches in diameter, round, solid, interior white, tender, crisp and of excellent uniformity and quality.

GREEN ACRE CAPIT A darker more vivid green strain of Golden Acre. Very attractive, different, and particularly desirable for market gardeners and shippers as it holds a fresh green appearance longer.

PLANT — Similar in size and formation to Golden Acre and Early Copenhagen types. HEADS-Distinct livelier green than Golden Acre, otherwise similar in size and shape.

CABBAGE—Continued

Telegraph Code

Set to Marketable Heads

90

90

80

80

64

70

COMET

Season. Days Plants

PERFECTION LATE DRUMHEAD SAVOY

CAPON

The best of the Savoy or crinkled-leaved sorts. Medium late in season and produces heads that are excellent for general use. It is a fine keeper.

PLANT — Vigorous, medium to large sized, will stand close planting, heavily savoyed, rich dark green.

HEADS—Flattened round, 8 inches in diameter, uniform in development, attractive, solid, of particularly fine quality.

PREMIUM LATE FLAT DUTCH or Late St. Louis Market or Late Drumhead CARET 105

The best of the late, flat-headed types. Excellent all-purpose variety and is known for being exceedingly hardy and dependable.

PLANT - Large, vigorous, short stem, dark green with bluish cast.

HEADS—12 to 13 inches broad, 7 inches deep, tops flattened, firm, crisp, tender, and of very good quality.

SUCCESSION CATCH 90

A desirable medium late variety that is very dependable for late summer and fall use.

A good keeper.

PLANT — Medium-sized, stem short, medium green.

HEADS—10 inches broad and 7 inches deep, well rounded top, firm, and of good quality.

STEIN'S EARLY FLAT DUTCH

CASTE

A widely used variety which is most satisfactory for market and also a favorite shipping sort. Particularly in demand in the southern states.

PLANT — Medium-sized, compact, vigorous, medium short-stemmed, and medium green.

HEADS—II inches broad and 61/2 inches deep, flattened, of fine flavor, and of good quality.

YELLOWS-RESISTANT STRAINS

Yellows-resistant Strains of Cabbage are of great value and should be used more extensively where yellows infested soils are prevalent. They should be tried more freely where gardeners and larger growers have trouble with their cabbages yellowing and dying from what may appear to be other causes as it is quite often the case that the soil is sick with yellows and has not been recognized.

ALL HEAD, SELECT

Similar to the standard All Head variety except that it is yellows resistant. A good shipper and a fine kraut cabbage. A uniform type, stands without bursting.

PLANT—Medium size, compact, stem short, leaves slightly coarse, medium green in color.

HEADS—9 inches broad and 7 inches deep, appearing rather flattened, with rounded top, quite firm, of good quality.

GLOBE COMOD

A yellows-resistant strain of Glory of Enkhuizen of similar type and usage. A fine cabbage for kraut.

PLANT — Large, spreading, vigorous, medium green, uniform.

HEADS—9 inches in diameter, deep round, large, solid, fine quality.

GOLDEN ACRE RESISTANT (Resistant Detroit)

Similar to Golden Acre except slightly larger plant growth and not quite as uniform, as is typical of yellows-resistant strains. Has earliness and is desirable for planting on yellows infested soils.

PLANT —Medium small, suitable for close planting, medium light green. HEADS—6 to 61/2 inches, round, solid, interior white and of good quality.

JERSEY QUEEN

A pointed type selected from Early Jersey Wakefield. About a week later, has slightly smaller head and more bluish color than Early Jersey. Desirable for planting on yellows infested soils.

PLANT -Small, erect, compact, uniform, and hardy.

HEADS— $6\frac{1}{2}$ inches long and $4\frac{1}{2}$ inches in diameter, typical conical shape.

CABBAGE—Continued			
Tele- graph Code	Days Plants Set to Mar- ketable Heads		
MARION MARKET A selection from Copenhagen Market; quite resistant to yellows and retaining the desirable characteristics of its parent. Should be used where yellows or wilt prevents normal crops of Copenhagen. Typically not as uniform as regular Copenhagen. PLANT—Medium-sized, short stem, medium green, somewhat erect growth habit. HEADS—7 inches in diameter, globular in shape, rather prominent, fair in uniformity and of good quality.	78		
WISCONSIN ALL SEASONS Similar to the standard All Seasons variety. A special selection for yellows resistance from the original All Seasons. Highly desirable in yellows infested localities, as it is very productive and has a well-formed head. PLANT—Large, vigorous, medium green, typically of some variation. HEADS—10 inches broad and 8 inches deep, rounded oblate shape, very solid and compact, of fine quality.	(90		
WISCONSIN BALL HEAD An improved strain over the Wisconsin Hollander in that it is slightly earlier and has a more uniform, smooth head. Short stemmed and forms a hard round, slightly smaller head.	100 .		
WISCONSIN HOLLANDER No. 8 A popular late variety for yellows infested soil. It is of the Danish Ball Head type and yields fine heads that are excellent for storage, kraut making, or shipping. PLANT—Medium large, robust, hardy, medium dark green color, medium length stem. HEADS—7 to 8 inches in diameter, globular, firm to hard; quality is very good.	105		
RED CABBAGE			
EARLY RED DUTCH or Red Acre The early red cabbage for the market gardener and shipper. A round headed sort smaller in size than the medium early and late varieties. Heads 5 to 6 inches in diameter and solid even in smaller stages of growth.	85		
KEYSTONE RED ROCK, MEDIUM EARLY Our strain of this popular variety is the much desired medium-sized, solid, dark red, globe-shaped type, of exceptional uniformity. We recommend this as a splendid market and shipping sort. Heads 6 to 7 inches in diameter.	95		
MAMMOTH RED ROCK (Long Island Strain) A dark red type, forming large, solid, round heads about 8 inches in diameter; of fine quality and excellent as a storage variety.	100		
RED HOLLANDER (Yellows Resistant) A red cabbage of the Hollander type, desirable in some sections for its yellows resistance. Develops very hard round head, uniform, and of medium size, which may be used for shipping or storing.	100		
CHINESE CABBAGE Brassica Pekinensis Telegraph	Season. Days Planted to Edible		
Code CHIHLI One of the most popular sorts of Chinese Cabbage. It is early in season and dependable. A distinct, long, straight, pointed type head, reaching a length of 18 inches and 31/2 inches in diameter at the base. At the edible stage, it is very firm, well balanced, crisp, tender, and of fine sweet flavor.	5tage 70		
PE TSAI			
Replaced by Chihli. An intermediate type between Chihli and Wong Bok. WONG BOK A short, blocky, solid, sure-heading variety, good for market or home use. The head reaches a height of around 10 inches, forming a short, broad, thick specimen. The light green outer leaves are tightly folded, blanching the inner part into a solid, crisp,	75		
tender, white head of decidedly fine quality.			

CARROT

Daucus carota-var. sativa



Season. Days Planted to Telegraph Marketable Code Size CABEF 80

70

70

72

BAGLEY or Bagley Danver

A large type of Danver's Half Long commonly used in New England sections. A late market garden sort occasionally used for shipping. The Hutchinson variety is similar except has a greenish shoulder.

ROOTS—9 to 10 inches long, 2 inches thick, shaped like Danver's except much larger. Flesh deep orange with lighter core.

CHANTENAY CABAL

The most dependable and popular carrot. Excellent early market bunching sort and widely used for winter storage and home gardens.

ROOTS—5 to 51/2 inches long, 21/4 inches in diameter at the shoulders, slightly tapered, stump-rooted, very smooth and uniform shaped, deep orange color. Its shape adapts it to growing and harvesting on fairly heavy soils.

CHANTENAY RED CORE

A superior strain of Chantenay, more desirable for shippers and canners principally because of its indistinct reddish orange core, finer texture, and superb quality. Similar in size and shape to regular Chantenay. Recommended as adapted for freezing preser-

because of its indistinct reddish orange core, finer texture, and superb quality. Similar in size and shape to regular Chantenay. Recommended as adapted for freezing preservation.

CHANTENAY LONG TYPE or Perfection

CARPU

An excellent type for bunching and shipping. A long attractive coreless sort and a reliable producer.

ROOTS—7 to 7½ inches long, 1½ inches in diameter, almost cylindrical, smooth, stump-rooted, small tap root, red-orange color, indistinct core, tender, of

high quality and excellent flavor.

CORNELI'S CORELESS

A highly developed carrot with scarcely any visible core. An outstanding type, noted

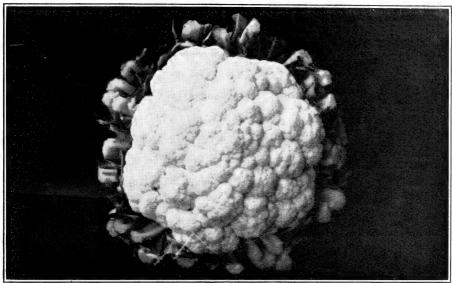
for its high qualities as a shipper, market garden sort, and for canning.

ROOTS—61/2 to 7 inches long, 11/2 inches in diameter, cylindrical shaped with very small and slender tap root, stump-rooted, unusually uniform, deep rich orange throughout flesh and core, fine-grained, and delicate sweet flavor.

VARIETAL DESCRIPTIONS OF VEGETABLES	22223
CARROT—Continued	Season. Days Planted to
Tele- graph Code	Market- able Size
DANVER'S HALF LONG The leading main crop or storage variety. Also extensively used for bunching, shipping, and home garden.	75
ROOTS—6½ to 7 inches long, 2 inches in diameter at the shoulder, tapering to a blunt end, with a small, slender tap root. A smooth, uniform developing type, bright orange, tender, crisp, of high quality and flavor.	
DANVER'S IMPROVED, RED CORE An improved and refined slightly longer Danver's with indistinct red core; especially desirable for market gardeners and shippers.	75
ROOTS—7 to 7½ inches long, 1¾ inches in diameter at shoulder, tapers to blunt end with small slender tap root. Its tender deep rich orange flesh and core is outstanding.	
HUTCHINSON Similar to Bagley as noted.	80
IMPERATOR CARTE	77
An unusually fine variety of high quality that has won favor as a bunching variety for shipping in the South and market garden use where soil is of deep sandy loam type. All America Selection S. M. 1933.	
ROOTS—7½ to 8½ inches long, slightly rounded shoulders, 2 inches in diameter, slightly tapered to a stump-rooted tip, smooth, rich orange color, very little core, crisp, and of fine, sweet flavor.	
IMPROVED LONG ORANGE A standard variety adapted to loose soil; a tremendous yielder. Extensively used for	86
stock feed and also very good as a table sort. Good for storage use. ROOTS—II to 12 inches long, 2¾ inches in diameter, tapered to a point, very deep orange color, lighter core.	
NANTES, IMPROVED (Coreless) CADDY	68
An early market variety, popular for forcing or frame culture. It is splendid for home and truck gardening. Recommended as adapted for freezing preservation. ROOTS—61/2 to 7 inches long, 11/4 inches in diameter, cylindrical, stump-rooted, bright	
orange in color throughout, practically coreless, and of finest quality. OX HEART or Guerande CADET	74
A distinct variety that is very satisfactory for growing on a heavy type soil where long varieties do not develop properly. Being a short, chunky type, it is easily harvested. Highly productive and a rapid grower.	
ROOTS—4 to 5 inches long, attains massive thickness, chunky, blunt-ended, with small tap root, bright orange in color, tender, well flavored in immature stage.	
STREAMLINER A long streamlined type in class with Morse Bunching and Imperator. Shows good breeding. Adapted to light sandy loam soils.	77
ROOTS—8 to 8½ inches long, 1½ inches at shoulder; slender cylindrical appearance with gradual tapering to tip of root; has distinct deep orange flesh with	
indistinct tender core, of very high quality. TENDERSWEET CAOPE	77
A long type carrot in the class of Imperator which is increasing in favor in the East. It has a splendid rich orange-red color flesh and core. Tops reddish purple near crown of root.	
ROOTS—8 to $81/2$ inches long, well shaped with rounded shoulder and tapering uniformily to slightly blunt tip.	
TOUCHON A highly refined carrot of similar type as Nantes. A very fine carrot for canning and freezing, as well as for the home and market gardeners. We recommend this to replace	70
the old Nantes strains. ROOTS—61/2 to 7 inches long, 11/2 inches thick cylindrical, stump-rooted of unusual high quality, smooth fine grained, sweet, tender bright orange flesh and indistinct core.	
WHITE BELGIAN One of the best stock carrots. Late in season. Very heavy yielder. Frequently 12 inches long, 31/2 inches in diameter; tapers to a point; grows partly above ground,	82
underground portion white in color. YELLOW BELGIAN CARRP	82
Similar to White Belgian except it is of light yellow color.	

CAULIFLOWER

Brassica oleracea-var. botrytis



SNOWDRIFT-Self-protecting type-a superior variety.

Season. Days Plants Set to Heads

54

Telegraph Code

EARLY SNOWBALL (EXTRA SELECT) or Catskill Snowball or Dwarf Erfurt

COACH

The leading cauliflower. Splendid early market, dependable heading type. Unsurpassed for use as a forcing variety. Its remarkable productiveness and beautiful, uniform heads justify its wide use. Recommended as adapted to freezing preservation. PLANT—Dwarf, compact, upright, quick growing, true short-leaved type.

HEADS—6 to 7 inches across; weighs around 13/4 pounds; compact, solid, free of defects, uniform, snowy white; of excellent quality and flavor.

SUPER SNOWBALL

COTAR

55

An early main-crop variety that is so named because of its uniform production of beautiful heads. One of the most profitable sorts for gardeners and shippers. Particularly desirable because of the curled formation of its leaves over the head, which protects it from the sun. Recommended as adapted for freezing preservation.

PLANT —Dwarf, compact, upright, robust; inner leaves curl over head.

HEADS—61/2 to 71/2 inches across, deep, solid, compact, free of defects, uniform, snowy white, of superb quality and flavor.

SNOWDRIFT or White Mountain

COTTY

56

A recent introduction of outstanding merits. An early shipping and market sort acelaimed for its productiveness and general superiority over the old Snowball types. One of the surest headers known. Sold under a number of colloquial names. Recommended as adapted for freezing preservation.

PLANT—Slightly larger than Snowball, compact, upright, self-protecting leaves covers curd during early heading stage, making it superior to Snowball from that

standpoint.

HEADS—Slightly larger than Snowball, remarkably free of leafy and ricey heads, snow white, solid, compact, very attractive.

CELERIAC

Apium graveolens-var. rapaceum

Telegraph Code

Season. Days to Edible Stage

CHALK 120

CELERIAC or Turnip-Rooted Celery

A fine vegetable for flavoring in salads, soups, stews, etc. A large, smooth, turnip-like root formed under the ground comprises the edible portion of the plant. The hollow dark green stems above ground are not good for eating purposes. The roots may be stored up into the winter months.

CELERY

Apium graveolens-var. dulce

Premature Seeding of Celery:—Losses from fields shooting to seed before they are ready for market have become a hazard to the celery grower. This trouble may be somewhat reduced by careful regulation of temperature when the plants are being grown in the hotbed or greenhouse. Keep the temperature around 65 to 70° F.

When it comes time to harden the plants for transplanting, do this by withholding the water until plants show signs of wilting, and not by exposing the plants to low temperatures.

> Days Seeded Telegraph Code

Marketable Stage 130 CEDAR

Season.

EASY BLANCHING or Sanford Superb

A rather early sort following Golden Self-Blanching about a week in season, but more resistant to blight. Being a hardy, vigorous, dark green type that blanches readily, it has proved valuable to the home and truck gardener. A fine variety for trenching and winter storage.

PLANT — Medium tall but taller than Golden Self-Blanching, erect, compact, easily blanched to a very attractive bunch.

STALK —Thick, solid, white, tender, and of a fine rich nutty flavor.

130 EMPEROR or Fordhook CELOK

A very good green Fall and Winter variety, noted for its keeping qualities, attractiveness of stalk, and beautiful golden heart.

PLANT — Dark green, short and stocky type about 18 inches tall. Compact and heavy formation makes blanching quick and easy.

STALK —Thick, meaty, tender, with fine delicate flavor.

FLORIDA GOLDEN CHAIR 115

A recent introduction which is desirable for the early spring and late fall planting in the Southern regions, particularly Florida. However, it is a fine fall celery for Northern districts. Recommended as being highly resistant to root rot.

PLANT —Somewhat resistant to blight, tall, erect, and compact, easily blanched.

STALK — Medium long, white, thick, crisp, tender, and of very inviting flavor.

GIANT PASCAL 140

The finest quality celery grown when properly bleached. It has the most delicious flavor and is unexcelled for a winter variety. It is a splendid and profitable variety for the home and market gardener.

PLANT —2 feet tall, large, dark green foliage, stocky, forms a massive heart, free of pithy stalks, easily blanched by trenching to a beautiful creamy white.

STALK —Long, thick-fleshed, solid, crisp, tender, of superb quality, with a fine, aromatic, sweet, nutty flavor.

GOLDEN PLUME or Wonderful (Dwarf Type)

114

A variety somewhat similar, but superior to Golden Self-Blanching in that it is earlier a larger and higher quality stalk, and more blight resistant. It is a celery that has become a leader for market gardening and shipping.

PLANT—Medium height; quick, vigorous grower; full heart, entire plant easily and quickly blanched to a creamy yellow.

STALK— Comparatively long, tender, crisp, solid, appealing color, extra fine quality, and of excellent flavor.

CELERY—Continued

Season.
Days
Planting
Tele- to Margraph ketable
Code Stage

116

118

130

112

90

80

CHAIN

GOLDEN PLUME, LONG HEART

Our special strain of Golden Plume for the large shippers of the South and market gardeners. Has a longer first joint developing a premium bunch over the regular Golden Plume.

PLANT AND STALK—Taller plant and makes a longer first joint than regular Golden Plume to meet the demand of the shipper.

GOLDEN SELF-BLANCHING

Our strain, selected from French Stock of the true dwarf type, is unexcelled. A very desirable early celery, still the most popular variety for general market and table use. PLANT—Medium height, erect and compact, blanches easily to a beautiful creamy white stalk and golden yellow foliage.

STALK —Medium long, thick, solid, free from pithiness and of fine nutty flavor.

UTAH PASCAL or Golden Crisp

Rather late in maturity, but about 10 days earlier than Giant Pascal. Of the green types it is the most popular celery on the market today and justly so for its superb flavor and quality. Excellent for fall use. As a shipping variety it is limited due to its tenderness. PLANT—Medium large, stocky, sturdy, erect, compact, solid, and blanches very nicely into a valuable sort for the market.

STALK —Thick, solid, crisp, tender, stringless, of excellent quality and flavor.

WHITE PLUME

A splendid extra early variety. Its beautiful silvery white stalks and leaves, along with hardiness and earliness, make it one of the best varieties for the home and market garden. Although not a long keeper, it is usually on the market and sold before the later types are ready.

PLANT —Taller, more slender, and resistant to blight, than the Golden Self-Blanching; when growing, leaves are green, touched with white; very easily blanched.

STALK —Solid, tender, of good quality and flavor.

CHICORY

Cichorum Intybus

One of the finest salad vegetables. The popular type grown by home and market gardeners and shippers. The long, compact, head-like cluster of well-blanched leaves is formed from parsnip-shaped transplanted roots. Usually the roots are placed in forcing beds, where regulated conditions produce distinctly flavored, well-blanched leaves.

COLLARDS

Brassica oleracea—var. acephala

CHIRS

The result of a cross between the cabbage, Charleston Wakefield, and Georgia Collards.

This variety forms a loose, white head, instead of a rosette of leaves like the regular

Georgia variety. In general, this newly formed cabbage collard acquired the hardiness
of the old collard to withstand severe cold and heat and also the heading quality as well
as the flavor from the Wakefield cabbage. A very desirable type for the South, as the
heads may be harvested as needed during the winter.

GEORGIA or Southern or Creole

A most hardy sort to withstand severe weather conditions. It is a non-heading type of the cabbage family, which forms a rosette or loose cluster of tender leaves at the top of a large plant from 2 to 3 feet in height. A splendid sort for greens. Generally grown in

the South and adapted to conditions where cabbage will not grow.

LOUISIANA SWEET

A recent introduction by Dr. Julian C. Miller of the University of Louisiana. Very

much improved over the old Georgia Collard as it has larger leaf area and less stem along with an appealing color and thick, tender leaves. It may be expected to replace much of the older strains now in use.

CORN SALAD

Season.
Days
Planting
Telegraph Ketable
Code Stage
CLAMP 60

LARGE LEAVED

Sometimes called Lamb's lettuce. An extremely hardy type plant that forms rosettes of tender leaves which are used as a substitute for lettuce and mixing with salads. Leaves are large, rounded, and thick.

SWEET CORN

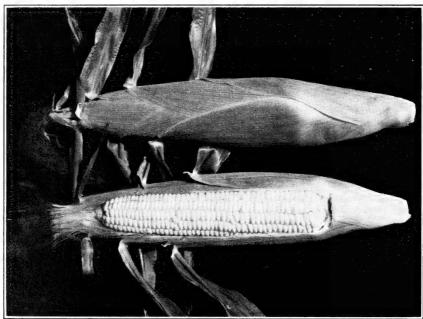
Zea Mays-var. Rugosa

Sweet Corn seed of today is the result of the most highly developed and controlled process in the garden seed industry. We refer specifically to the Hybrids and Top Crosses now available which are made to fit particular conditions and requirements whether it be for canning, shipping or local marketing.

After years of inbreeding by the tedious task of hand pollination, pure inbred lines are developed to then be combined by cross pollination to produce the Hybrids. Our breeding operations are designed to develop, maintain, and supply the best Hybrids and top crosses for our customer's requirements.

The performance of adapted Hybrids in comparison to open pollinated varieties is astonishing. The vigor, disease resistance, uniformity of maturity, resistance to lodging, quality, and productivity is truly outstanding and justifies their widespread use and increasing popularity.

The number of days shown to reach the edible stage represents an average over a period of years at our St. Louis trial farm and may be expected to vary in different sections of the country.



CORNELI'S GOLD RUSH-Don't fail to try this early hybrid.

YELLOW HYBRIDS

Season. Days to Edible Stage

Tele-

graph

Code

CHOOP

CORNELI'S GOLD RUSH HYBRID (New)

This is the one. A first early yellow hybrid for the early market with the strong hybrid vigor and productiveness to replace the old open pollinated first early yellow sorts. Its earliness and beautiful ears are almost unbelievable but unquestionably true as the records show from our St. Louis breeding farm.

STALKS—6 feet tall, more foliage and sturdier than regular Golden Bantam; high percentage produces 2 ears per stalk.

EARS —81/2 inches long, 12 to 14 rowed, slightly tapered, well filled to tip, most attractive yellow, tight husk.

KERNEL-Tender, sweet, of fine quality and flavor. Seed yellow, wrinkled.

SWEET CORN

YELLOW HYBRIDS-Continued

Telegraph Code Season. Days to Edible Stage

73

CARMELCROSS

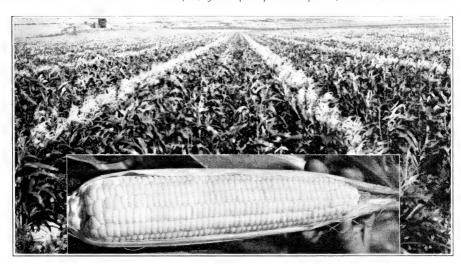
Code CHOYO

A well known second early market hybrid of inbred lines C13 and P39, which was developed at the Connecticut experiment station. Fits in well between Corneli's Gold Rush and Golden Cross Bantam to give a continuous supply of roasting ears. A hardy dependable hybrid. This hybrid fully replaces the need for Marcross 39 Topcross and is the same as Marcross 39.

STALKS —6 feet tall, well foliaged, does not fire easily, sturdy, generally 2 ears per stalk.

EARS —7 to $7\frac{1}{2}$ inches long, 12 to 14 rows, medium yellow. Slightly tapered at tip, fills well.

KERNEL—Medium breadth and depth, good quality. Seed yellow, wrinkled.



GOLDEN CROSS BANTAM-One of our seed fields and a specimen ear.

GOLDEN CROSS BANTAM HYBRID

CURVE

80

This famous hybrid developed by Glenn M. Smith of the U. S. D. A. at the Purdue Experiment Station from the two inbreds Purdue 39 by Purdue 51 is still outstanding and the standard by which all other hybrids are judged. Its resistance to Stewarts disease, productiveness, excellence of quality has caused it to be universally adopted as the main crop yellow variety for canners, shippers, and market gardeners.

STALKS —6 feet tall very uniform, heavy foliage, sturdy, vigorous, generally 2 or more ears per stalk. Recommended as adapted for freezing preservation.

EARS —8 inches long, 10 to 14 rowed, cylindrical, filled to tip, very uniform in size, shape, and maturity.

KERNEL—Attractive yellow, tender, deep, of excellent flavor and quality. Seed yellow, wrinkled.

IOANA

CUMMP

83

Originated by Dr. E. S. Haber of Iowa State College and a combination of the inbreds 145 and IP39. This hybrid has made a place for itself in the canning and market garden trade in the short time it has been known. A main crop sort of especially uniform attractive ears which is notably hardy and wilt resistant. All America Winner B. M. 1940.

STALKS —61/2 feet tall, sturdy, dark green, heavy foliage, hardy, well rooted, showing good drought resistance, few suckers.

EARS —8 inches long, 12 to 14 rows, very uniform, cylindrical, well filled, medium heavy husk.

KERNEL—Light yellow, medium narrow, medium quality and sweet flavor. Seed yellow. wrinkled.

SWEET CORN

YELLOW HYBRIDS—Continued

Season. Tele-Days to graph Edible Code Stage

79

ILL. GOLDEN No. 10

79 CHOVO

A new hybrid originated by Prof. Huelsen from inbreds 73c and 101Q. It is outstanding for canning and has excellent possibilities in market gardens for more southern areas due to its apparent drought resistance. This hybrid is in season with Golden Cross Bantam and should not be overlooked as a main croper and we give it our highest recommendation.

STALKS —7 feet tall, medium heavy stalk, medium dark green, rarely a sucker, excellent uniformity, with whip-like greenish red tassel, moderately foliaged, double

EARS —8 inches long, tight shuck, 12 to 16 rowed, very uniform, rows straight, slightly tapered at tip.

KERNEL—Attractive golden color, tender and sweet, of very high quality. Seed yellow and wrinkled.

ILL. GOLDEN No. 11

CHOHE Another new yellow hybrid, originated by Prof. Huelsen, from inbreds 73c and 87a. Distinct for its dark green color and apparent drought resistance. A main crop sort in season with Golden Cross Bantam, with excellent qualifications for canning, shipping

and market gardens. Well adapted to reach into more southern areas. STALKS $-6\frac{1}{2}$ feet tall, sturdy, characteristically free of suckers, reddish tassels, very

uniform.

-8 inches long, uniformly 12 rowed, tight shuck, easily snapped, cylindrical, EARS slightly tapered at tip, blunt and well filled to tip.

KERNEL-Medium broad, very deep, golden yellow, very sweet and of high quality. Seed yellow, wrinkled.

MARCROSS C13.6

CHUBB 67

This early hybrid was originated at the Connecticut experiment station by Drs. Jones and Singleton and in the more northern areas is one of the most widely used and recommended hybrids. A very fine home and early market sort.

STALKS —5 feet tall, short, sparsely foliaged, medium broad leaves, with distinct type leaf and stalk formation, with very few suckers. Resistant to bacterial wilt.

-7 inches long, chubby shape, being plump, 10 to 14 rows with broad kernels EARS abruptly tapered at tips.

KERNEL—Light yellow, fairly good flavor and quality. Seed light yellow, large and wrinkled.

MARCROSS No. 39-See Carmelcross.

WHITE HYBRIDS

COUNTRY GENTLEMAN HYBRID (8x6) (III.)

84

86

Of the Country Gentleman types this hybrid is well known with canners. Its deep kernel produces a high ratio of cut corn per ton. It has developed to edible stage in 76 days on our St. Louis breeding farm, and is fine for market gardeners.

STALKS -7 feet tall, dark green, stout, vigorous and heavier foliage than regular Country Gentleman. Characteristic of this hybrid, inherited from line 8 in the cross, is a floppy or rolled tassel of value for its resistance to hot winds.

-73/4 inches long, more cylindrical than regular Country Gentleman and deeper kernel, well filled to medium blunt tip.

KERNEL—The seed kernel is rather round in shape. Kernel on hybrid ear typical shoe peg type.

KEYSTONE EVERGREEN HYBRID

CHMON

This Stowell's Evergreen type hybrid is the finest we have ever seen and the answer to the demand for a hybrid to take the place of regular Stowell's Evergreen. It is outstanding for its productiveness, drouth resistance and uniform strong vigorous growth. Excellent for market, canning, home garden, quick freeze pack.

STALKS —8 feet tall, stout, resistant to lodging, good foliage, hardy, 2 ears per stalk. -81/2 inches long, 14 to 18 rowed, slightly tapered, well filled to tip, tight numerous husks resists ear worm.

KERNEL-Large white, good depth and fine quality. See white wrinkled.

SWEET CORN

WHITE HYBRIDS—Continued



BAGGING SWEET CORN INBREDS-Keystone Valley Farm, St. Louis, Mo.

Telegraph Edible Code Stage

NARROW GRAIN EVERGREEN (14x13) (III.)

CHMIR

86

This hybrid, originated by Prof. Huelsen of the University of Illinois, grows in popularity each year and is now used in large quantities by canners and market gardeners. It is one of the most dependable and productive hybrids that can be grown and has wide adaptation.

STALKS —8 feet tall, strong, sturdy, vigorous grower, and two large ears per stalk.

Medium heavy dark green foliage.

EARS —8 inches long, 14 to 18 rows, large white, good heavy husk, deep kernels and well filled, slightly tapered to tip.

KERNEL—Deep, medium breadth, of good quality and flavor. Seed white, wrinkled.

NARROW GRAINED EVERGREEN (14x11) (III.)

CUMSO

86

Another new hybrid originated by Prof. Huelsen for canning. A more narrow grained type than 14x13 and is an exceptionally heavy yielder, combined with high quality and hardiness. Has been quickly accepted by the canning trade and now used in substantial quantities.

STALKS —8 feet tall, moderately heavy foliage, whip-like reddish tassel, sturdy and hardy grower.

EARS —8 inches long, 18 to 20 rowed, large, slightly tapered at tip, remarkably uniform.

KERNEL—Deep white, narrow, tender, and of good quality. Seed white and wrinkled.

OPEN-POLLINATED WHITE VARIETIES

BLACK MEXICAN CHEEK 83

Reputed to be the sweetest and most delicious of all table corn. Remains tender for a long period.

STALKS.—51/2 to 61/2 feet tall, leaves pale green, medium amount of foliage.

EARS —7 to 8 inches long, 8 rowed, often 2 per stalk.

KERNEL—Not deep; white when young, changing to bluish black in later stage. Dry seed, deep bluish black.

7.1.	Season.
SWEET CORN—Continued OPEN-POLLINATED WHITE VARIETIES Tele- graph Code	Days to Edible Stage
COUNTRY GENTLEMAN or Shoe Peg A truly fine variety which still holds firmly to its place in the canning field and in almost	90
every garden. STALKS — $6\frac{1}{2}$ to $7\frac{1}{2}$ feet tall, vigorous grower. EARS —8 to $8\frac{1}{2}$ inches long, dark red silk, frequently 2 per stalk, very crowded	
irregular formation of the kernels. KERNEL—White, deep, slend er, narrow, and shoe peg type, sweet and tender.	
EARLY EVERGREEN Widely known sweet corn of Stowell's Evergreen type except about a week earlier. STALKS—7 to 8 feet tall, vigorous grower, heavy foliage. EARS—7½ to 8 inches long, 14 to 16 rowed, slightly tapered to tip. KERNEL—White, deep, and sweet. Seed, white and wrinkled.	85
HONEY JUNE COLEY	90
Developed for the South by Dr. P. C. Mangelsdorf of Texas, and it has proven very successful in the Southernmost states. Its long, tight husks make it quite resistant to ear worms.	
STALK —9 feet tall, medium heavy, somewhat on order of Truckers. Tassel is long and heavy, giving a plume-like appearance.	
EARS —8 inches long, tapered, 12 to 16 rows, straight and crowded on ear. KERNEL—Medium depth and width, of sweet flavor and white. Seed creamy white, slightly wrinkled.	
HOWLING MOB, IMPROVED A productive, large-eared, second early variety, valuable for shipping and for home and	80
truck gardeners; very good quality.	,
STALKS —61/2 to 7 feet tall, prolific, moderate amount of foliage. EARS —7 to 71/2 inches, 12 to 16 rowed, frequently 2 ears per stalk. KERNEL—White, plump, not deep, good quality. Seed, dull white and wrinkled.	
MAMMOTH LATE EVERGREEN or Long Island Beauty A large type, highly admired strain of Evergreen. Noted for its exceptionally large ears. STALKS—7 to 8 feet tall, prolific, good foliage growth.	95
EARS —9 to 10 inches long, plump, 14 to 16 rowed, quite crowded. KERNEL—White, large, tender, deep, sweet, fine quality. Seed, white, wrinkled.	
NARROW GRAINED EVERGREEN One of the well known varieties for canners. The canned product resembles Country	90
Gentleman.	
STALKS —7 to 8 feet tall, vigorous, hardy, heavy foliage. EARS —7½ to 8 inches, 2 ears per stalk, 20 to 24 rows per ear, kernels crowded. KERNEL—White, deep, narrow, small, of fine quality. Seed, white and wrinkled.	00
OREGON EYERGREEN A late, white shipping sort, particularly well known and important on the West Coast.	88
STALKS —7 to 8 feet tall, good foliage, quite hardy. EARS —8 to 9 inches long, 12 to 14 rowed, plump, long husk with tightly twisted ends helps protect ear from corn earworm.	
KERNEL—White, wider than Narrow Grained Evergreen. Seed, white and wrinkled.	
STOWELL'S EVERGREEN The most commonly known and most popular standard main crop sweet corn for home,	90
market garden, and canning. Recommended as adapted for freezing preservation. STALKS —8 to 9 feet tall, vigorous, heavy foliage, heavy stalk.	
EARS $-8\frac{1}{2}$ to $9\frac{1}{2}$ inches long, 16 to 18 rowed, plump kernels, rows crowded. KERNEL—White, medium to large, sweet, very fine quality. Seed, white and wrinkled.	
STOWELL'S EVERGREEN (Canners' Strain) Particularly developed and carefully maintained for canner trade. Superior for its uniformity of maturity and high quality.	90
STALKS—Similar to regular Stowell's Evergreen. EARS —81/2 to 9 inches long, 16 to 18 rowed, plump kernels, uniform and well carried out on end of cob, rows crowded.	
KERNEL—White, large, deep, tender, sweet, of excellent quality. Seed, white and wrinkled.	
VANGUARD CRUEL	75
An excellent first early, dependable market and home garden variety. STALKS—5 to 6 feet tall, sturdy, moderately heavy foliage. EARS—8 to 8½ inches long, 10 to 14 rowed, somewhat tapering. KERNEL—White, not deep, of good quality. Seed, white, somewhat wrinkled.	

SWEET CORN—Continued	Tele-	Season Days to Edible
OPEN-POLLINATED YELLOW VARIETIES Č	Code	Stage
BARDEN'S WONDER BANTAM Desirable for home and market gardeners and shippers who want a heavier folioner vigorous growing, longer eared variety than regular Golden Bantam. STALKS —51/2 to 6 feet tall, vigorous, sturdy, heavy foliage.	CLUES liaged,	7 <u>2</u>
EARS —71/2 to 81/2 inches long, 8 rowed, somewhat pointed, sometimes 2 ear stalk.		
KERNEL—Yellow, tender, sweet, of good quality and flavor. Seed, dark y wrinkled.	yellow,	
The old reliable yellow sweet corn. Highly praised by home and market gardener canners. It has proved invaluable as a parent stock in many of our hybrids of Recommended for freezing preservation. STALKS —41/2 to 51/2 feet tall, high percentage of stalks with 2 ears. EARS —61/2 to 71/2 inches long, 8 rowed, very well shaped ear, well carried out tip end.	today.	70
KERNEL—Yellow, large, tender, sweet, of excellent flavor. Seed, yellow and wrighted GOLDEN EYERGREEN or Bantam Evergreen One of the best of the medium late varieties. Has a large ear, of excellent qualicoross between Golden Bantam and Stowell's Evergreen. STALKS—61/2 to 71/2 feet tall, sturdy, vigorous.	HOPS	87
EARS —8 to 9 inches long, 12 to 14 rows, often 2 ears per plant, Evergreen KERNEL—Rich golden yellow, broad, deep, tender, sweet, of excellent quality. yellow and very wrinkled.	type. Seed,	
GOLDEN SUNSHINE Desirable as a very early yellow corn in northern home and market gardens. Earlie Golden Bantam, with larger but shorter ear. STALKS—5 to 51/2 feet tall, fairly sturdy. EARS—7 to 71/2 inches long, 10 to 12 rowed, well filled and plump. KERNEL—A golden yellow, medium in size and depth, tender, sweet, of good. Seed, yellow and very wrinkled.		68
CORN		
EARLY WHITE TABLE VARIETIES		
EARLY WHITE TABLE VARIETIES Zea Mays EARLY ADAMS A hardy table variety that can stand more cold, damp weather than regular sweet it is well liked as a table corn because of its dependability, earliness, and		73
EARLY WHITE TABLE VARIETIES Zea Mays EARLY ADAMS A hardy table variety that can stand more cold, damp weather than regular sweet	et corn. worm	73
EARLY WHITE TABLE VARIETIES Zeα Mays EARLY ADAMS A hardy table variety that can stand more cold, damp weather than regular swee It is well liked as a table corn because of its dependability, earliness, and resistance. STALKS —51/2 to 61/2 feet tall, more vigorous and taller than Extra Early Adams. EARS —7 to 8 inches long, 12 to 14 rowed. KERNEL—White, tender, and tasty at table stage. Seed, white and smooth.	et corn. worm	73
EARLY ADAMS A hardy table variety that can stand more cold, damp weather than regular sweet It is well liked as a table corn because of its dependability, earliness, and resistance. STALKS —51/2 to 61/2 feet tall, more vigorous and taller than Extra Early Adams. EARS —7 to 8 inches long, 12 to 14 rowed. KERNEL—White, tender, and tasty at table stage. Seed, white and smooth. EXTRA EARLY ADAMS Another very hardy table variety; extremely early; can be planted earlier than	et corn. worm	
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EARLY ADAMS A hardy table variety that can stand more cold, damp weather than regular sweet It is well liked as a table corn because of its dependability, earliness, and resistance. STALKS —51/2 to 61/2 feet tall, more vigorous and taller than Extra Early Adams. EARS —7 to 8 inches long, 12 to 14 rowed. KERNEL—White, tender, and tasty at table stage. Seed, white and smooth. EXTRA EARLY ADAMS Another very hardy table variety; extremely early; can be planted earlier than corn. STALKS —4 to 41/2 feet tall; ears grow close to ground. EARS —51/2 to 6 inches long, 12 rowed. KERNEL—White, fairly sweet, tender. Seed, white and smooth. TRUCKERS' FAVORITE Well-known variety of the South, used as roasting ears for local trade and also ship Has dual value in producing good crop of feed corn if roasting ear market unfavor STALKS —71/2 to 81/2 feet tall, uniform grower. Hardy and capable of withsten colder weather in spring than sugar corns. EARS —8 to 9 inches long, 12 to 16 rowed, attractive in appearance. KERNEL—White, tender, fairly sweet. Seed, white, smooth, dented. SNOWFLAKE (Early Type) Used by growers who desire an early type corn to sell for table use. It may be ke other purposes if there is no demand for roasting ears.	CIVIL sweet CLACK pping. orable. anding CHRYS ept for	70

POPCORN

Zea Mays var. everta

To supply the trades increasing demand for popcorn which has been grown and selected for seed purposes to produce the maximum ratio in volume of popped corn, we are now offering the following varieties from carefully selected stocks. Other selections and hybrids are now in the making and will be offered as they merit introduction.

CAPIA	90
Code	Stage
graph	Edible
Tele-	Days to
	Season

100

85

90

60

58

58

67

GOLDEN QUEEN or Queen's Golden

A vigorous growing, good yielding variety and a popular one. A smooth, medium large, pearl kernelled type, deep golden yellow colored. Ears 12 to 16 straight rows and about 7 inches long. Stalks average 7 feet tall.

SOUTH AMERICAN or T.N.T. or Dynamite

The most popular, widely adapted variety in the longer growing season areas. A large kernelled, dark yellow, pearl smooth kernelled type which is very productive of long slender 7 to 7½ inch ears with 12 to 16 straight rows. A large dark green stalk about 7½ feet tall. Particularly desirable for its high yield of shelled corn per acre. When popped it has a buttered like, creamy appearance and expands to exceptionally

WHITE HULLESS (Japanese) or Australian Hulless

A white, small and slender pointed kernelled type, with short stubby ears about 3½ inches in length. Numerous irregular rows to zigzag kernel formation on cob. Particularly desirable for its high ratio of popping volume. It is unusually tender, sweet and pure white when popped. Stalk slender and about 5 feet tall.

WHITE RICE

A clear white pointed kernelled type producing long slender 10 to 16 rowed, slightly tapered, medium large, ears about 6 inches in length. A popular old variety and a very good one. Stalks about 61/2 feet tall and vigorous grower. Popped corn is white and of good quality.

CUCUMBERS

Cucumis sativus

w. s.—Denotes white spined varieties.

b. s.—Denotes black spined varieties.

Teles

Tele- Season. graph Days to Code Picking CLOOK 67

A & C w.s.

large size.

One of the newer types of extra long slicers. Similar to the Colorado variety. An excellent shipper and market type. Adapted to rich productive soils. Rapidly gaining in popularity.

FRUIT—9 to 10 inches long; 21/4 inches in diameter, white spine well carried out on ends, solid dark green with indistinct starring on blossom end. Holds color over long period.

ARLINGTON WHITE SPINE w.s.

An old, popular sort. A suitable type for home garden use. Quite early and prolific.
FRUIT—8 inches long and 21/2 inches in diameter, blunt ends, weight around 2 pounds.

Attractive medium green.

BOSTON PICKLING b.s.

CLASH

Sometimes called Green Prolific. Noted for its earliness and productivity. Continues to be one of our most popular pickling varieties.

FRUIT—6 inches long, 2½ inches in diameter, short, quite smooth, uniformly developed with only a slight taper, black-spined, medium dark green.

CHICAGO PICKLING b.s.

The most widely known of the pickling varieties. It is extremely early and develops so it may also be used for slicing. A very hardy, vigorous, prolific vine.

FRUIT—61/2 inches long and 21/2 inches in diameter, square-ended, black spined, uniform in size, most attractive medium green in color.

COLORADO w.s.

Similar to the A & C variety. An excellent shipping and market type noted for its

indistinct starring on blossom end.

attractive shape and dark green color. Adapted to rich productive soils. All America Selection S. M. 1935.
FRUIT—9 to 10 inches long; 21/4 inches in diameter, white spine beautifully shaped with

CUCUMBERS—Continued



eason.
ays to
67
65
60
52
56
66
60

and serves excellently for its purpose. FRUIT—2 inches long and 1 inch in diameter, thickly covered with prickly spines, uniform

medium green color.

60

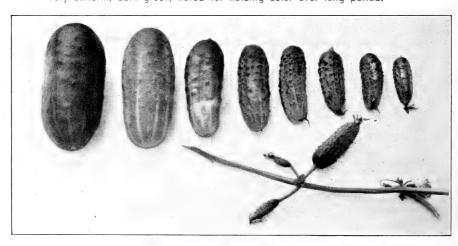
CUCUMBERS—Continued Tele-Season. graph Days to W. S.—Denotes white spined varieties B. S.—Denotes black spined varieties. Code Picking 58 JAPANESE CLIMBING b. s. A unique variety that is used for climbing to cover fences and trellises. A hardy, vigorous growing cucumber that produces good slicers. Character-like markings on ripe fruits account for the name "Japanese." FRUIT—9 inches long and 21/2 inches in diameter, black-spined, deep green color, of good quality in slicing stage. KLONDIKE w.s. Valuable as a long-distance shipping variety as it holds its color and firmness well. Medium early in season and known for its ability to withstand adverse weather conditions. FRUIT— $7\frac{1}{2}$ inches long and $2\frac{1}{2}$ inches in diameter, slightly tapering ends, smooth, white-spined, uniformly developed, dark green in color. 72 LONGFELLOW or Vaughan w.s. A variety that produces extremely long, handsome fruits which have won the name of the finest of the large sorts. May be used very successfully either for home garden, shipping, or greenhouse growing. FRUIT—12 to 15 inches long and 21/2 inches in diameter, white-spined, well-shaped, most attractive dark green color, very small seed cavity, good quality. 68 LONG GREEN IMPROVED or London Long Green b.s. An old favorite which is an excellent late variety of particularly attractive appearance for market use. Commonly grown in nearly every home garden. FRUIT—12 inches long and 21/2 inches in diameter, black-spined, slender, slightly tapered dark green, of fine quality. NATIONAL PICKLING b. s. CLOPP 56 A development of the National Pickle Association and the Michigan Agricultural College. One of the principal varieties used as it is an exceptionally fine pickler. Our strain is of the very best and we recommend it very highly. FRUIT—6 inches long and 21/2 inches in diameter; pickles numerous, dark green, well shaped, blunt ended, and of excellent pickling qualities. SNOW'S PERFECTION PICKLING b. s. CODEY 54 A standard, early, commercial pickling variety. Blunt ends and blocky shape, even when quite small, make it a favorite with packers. Extremely productive. FRUIT—5½ inches long and 2¼ inches in diameter, black-spined, cylindrical in shape,

square-ended, uniform in maturing, deep dark green, of excellent quality.

STAYS GREEN or Black Diamond w.s.

Our strain is one of the most productive and popular cucumbers in use today. This well known variety is a good shipper and is very popular in the home and market

FRUIT—7 inches long, $2\frac{1}{2}$ inches in diameter, white spine, well carried out blunt ends, very uniform, dark green, noted for holding color over long period.



NATIONAL PICKLE-An excellent and important pickling variety.

CUCUMBERS—Continued

Tele-Days graph to Code Picking

60

65

62

STAYS GREEN, Long Strain w.s.

CLAYO A comparatively new variety which is very popular in shipping and market garden areas. Florida Growers have found it very desirable and its uniform dark green fruits bring a premium on the markets.

FRUIT—8 inches long, 21/4 inches in diameter, cylindrical, dark rich green, which

holds over a long period, blunt ends and very uniform.

STRAIGHT EIGHT w. s. A variety of distinct characteristics with unusual uniformity. A commendable example of controlled breeding. A fine shipper and also splendid as a slicer for the home garden. All America Selection G. M. 1935.

FRUIT—8 inches long; 2 inches in diameter, white spine straight and cylindrical with blunt ends, deep rich green, indistinct starring on blossom end.

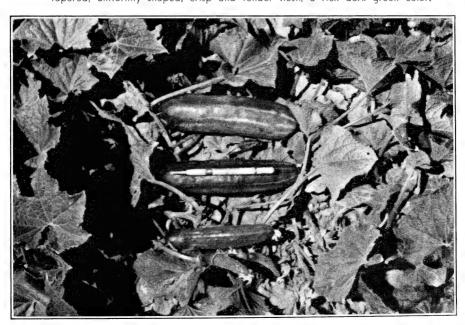
WHITE WONDER 58

A distinct variety grown mostly for its novel pure white color, although it does have good edible qualities.

FRUIT—7 inches long and $2\frac{1}{2}$ inches in diameter, blocky shape with rounded ends, rapid grower, pure white at all stages.

WOODRUFF'S HYBRID or Clark's Special w.s. CHUMY A long type fruit which has outstanding merits. A good producer and excellent for long distance shipping and market gardeners. Clark's Special was All America Selec-

tion S. M. 1933. FRUIT—10 inches long and 23/4 inches in diameter, handsome, white-spined, slightly tapered, uniformly shaped, crisp and tender flesh, a rich dark green color.



STAYS GREEN, LONG STRAIN-A beautifully uniform cucumber and a fine shipper.



CUCUMBERS IN SEALED ONE-POUND BAGS

For the convenience of those who prefer to distribute and handle Keystone Cucumber seed in one-pound packages, we supply at a very nominal additional charge, sealed bags as illustrated herewith. They are attractive, convenient, and above all give added assurance of the fine quality symbolic of the Keystone seed.

EGGPLANT

Solanum melongena

Eggplant is a vegetable that should be more commonly used. It is an excellent dish when properly prepared. Requires warm weather and produces splendidly on a rich sandy loam soil. Start plants in hot beds or window boxes and transplant in open after danger of frost.

Season. Days Tele-Plants Set to graph Code Fruits 83

88

88

88

88

BLACK BEAUTY

The most important variety for all parts of the United States, particularly for home and market gardeners to grow as an early market sort. The fruit is highly admired for its

color and ability to hold this color for a long time after being picked. PLANT—24 to 30 inches tall, erect, compact, branched, leaves large; usually bears

from 4 to 6 fruit.

FRUIT —Deep purplish black, smooth, large blunt egg-shaped. When prepared for the table, it has a distinct and pleasant flavor.

EARLY LONG PURPLE

EPIDE 78

An early type which is suitable for the early market. It makes a weaker vine growth and different shaped fruit than does Black Beauty.

PLANT -20 to 24 inches tall, erect, branched; bears long, slender fruits.

FRUIT —Dark purple, 21/2 inches in diameter, 7 inches long, smooth, of good quality and flavor.

FLORIDA HIGH BUSH

EPOPE A hardy variety of very rank growth. It is a vigorous grower and a dependable cropper, even in adverse growing seasons. Satisfactory as a shipper.

PLANT-3 to 4 feet in height, erect; bears fruit well off the ground.

FRUIT —Long oval tapering to stem end, smooth, purple in color, firm, of good quality, and of likeable taste.

FORT MEYERS MARKET

EPINE Well known in the South and valuable for its disease resistance and ability to withstand

drought conditions. PLANT -30 to 36 inches tall, hardy, upright compact growth, heavily productive. FRUIT —Long oval shape with no neck at stem end, blackish purple in color, of uniform shape and good quality.

MANATEE SPECIAL

Especially adapted for growing in Florida and a well known sort in that area. Its disease and drought resistance makes it a popular variety with the shipper and market gardener.

PLANT —3 feet tall, heavily productive, hardy, compact type, with numerous large protecting leaves.

FRUIT —Blackish purple in color, uniform, long oval with no neck.

NEW HAMPSHIRE HYBRID

A new variety developed by the New Hampshire Experimental Station through selection from Black Beauty X Early Dwarf Purple. An early sort adapted for the Northern sections. All America Selection S. M. 1939.

PLANT - Rather dwarf, upright and very productive.

FRUIT - Medium sized, blocky pear shaped, dark purple.

NEW ORLEANS MARKET

EMONE A popular eggplant in the South, and it continues to grow in favor. Desirable because of

its resistance to blight and drought conditions. PLANT —3 to 4 feet in height, erect; branched; bears fruit well above the ground.

FRUIT -Large, uniform, oblong in shape, smooth, and dark purple.

NEW YORK, IMPROVED

EIDER

86 Another of the best varieties that can be offered. A heavy favorite with home and

market gardeners.

PLANT —30 to 36 inches in height, erect, compact, branched, and quite prolific. FRUIT —Large, uniform, broad oval or blunt egg-shaped, 4 to 6 per plant, smooth, most attractive glossy rich purple in color; of excellent quality.

ENDIVE

Cichorum endivia

Endive is delicious for salads, having a distinctly appealing tart flavor. Easily grown and can be had throughout the growing season by repeated plantings. Season.

Days to Tele-Edible graph Code Stage

90

88

93

98

100

55

60

55

EDUCE

EARIT

KARPE

KOLPE

EDICT

BATAVIAN FULL HEARTED or Escarolle

A fine type of endive, which is widely used for the home and market garden or for shipping. A valuable variety to grow, not only from the standpoint of its fine quality, but it adapts itself to withstand dry weather conditions. All America Selection S. M. 1934.

PLANT —16 inches in diameter, deep green in color, thick ribbed, abundance of leaves to tie up for blanching the heart leaves if so desired.

HEART — Made up of broad, thick, twisted, and toothed leaves, which form a headlike bunch that blanches easily. Of splendid quality.

FLORIDA DEEP HEARTED

A marked improvement over the old broad-leaved Batavian in that it has a larger, broader, and thicker leaf and heart. Highly recommended for the market gardener and shipper.

PLANT - Large, with deep, upright growth; a rapid, vigorous, hardy grower.

HEART —Many infolding, broad leaves form a deep, compact, well-blanched, headlike bunch of excellent quality.

GREEN CURLED (Green Ribbed) or Green Curled Ruffec

A very attractive sort with appealing dark green, finely but deeply cut leaves. A desirable type for decorating, garnishing, or for salads.

PLANT —Becomes around 15 inches across, giving a large growth to tie up and blanch the heart quickly.

HEART — Made up of large, fleshy leaves which blanch to a creamy white, of very fine quality.

WHITE CURLED (Light Green)

Another beautiful variety of very pale green leaves and easier to blanch than the others. A favorite for decoration and in salads.

PLANT —Smaller and more dainty, 12 inches across, leaves finely curled.

HEART — Easily blanched into creamy white, tender, crisp, high quality bunch of excellent flavor.

PANCALIER (Pink Ribbed) or Green Curled Pink Ribbed

A late type most generally grown for fall use. It may be called a self-blanching type, as it forms a headlike heart by natural growth. PLANT - Large, coarsely cut, medium green leaves, with pinkish tinged ribs.

HEART —Develops in headlike form, which is well blanched, of good quality, and favored for salads.

KALE or BORECOLE

Brassica oleracea—var. acephala

DWARF CURLED BLUE SCOTCH

Similar to Dwarf Green Curled, except it has a distinct bluish green cast. It is a particularly desirable variety as it stands much cold weather without turning yellow. Plants are spreading and uniform; leaves are extremely curly and handsomely plumed.

DWARF GERMAN GREENS

KAMES This popular sort is extremely vigorous and spreading in growth. Its dark, rich, slightly bluish green, frilled-edge leaves are most attractive and of fine quality. The leading winter variety.

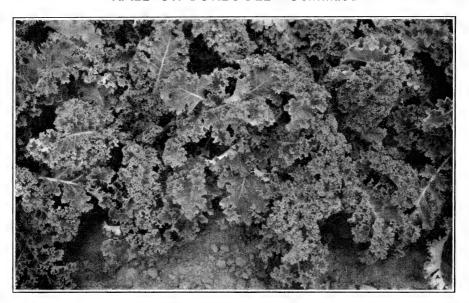
DWARF GREEN MOSS CURLED SCOTCH

A beautiful, finely curled and plumed, extra dwarf kale. Leaves radiate from the crown without visible stem or stalk. A most attractive bright medium green "moss curled" market type.

KIOSK

60

KALE OR BORECOLE—Continued



SIBERIAN, IMPROVED-Very uniform and a fine kale.

	Tele- graph Code	Season. Days to Edible Stage
SIBERIAN (Improved)	KETCH	60
Similar to Dwarf German Greens. A most vigorous variety, well adapted standing severe weather conditions. Plant is low and very spreading. Leaves a thick, and plumelike in appearance.	for with- are large,	
TALL GREEN CURLED SCOTCH	KHAKI	60
A hardy, tall sort, stalk becoming 16 inches and sometimes more in height. Le many and finely curled, plumelike, and yellowish green in color.	eaves are	

KOHL-RABI Brassica caulorapa

A very desirable sort, as it is very early and a commonly recognized variety for it	S
excellent quality and uniformity.	
PLANT — Small, with purple leaves and stems, adapted for forcing when desired.	
BULBS —Edible when about 2 inches in diameter, globe shaped, purple in color	•
flesh, white, tender, crisp, and of fine, enjoyable flavor.	

EARLY PURPLE VIENNA

EARLY WHITE VIENNA KNACK 55

The most popular variety. Excellent for forcing or home and market gardening. PLANT —Small, short leaves and stems, green in color. BULBS —Edible when about 2 inches in diameter, globe shaped, light green color; flesh, white, fine textured, crisp, tender, and of excellent mild flavor.

LEEK

Allium Porrum

LARGE LONDON or American Flag

The old standard variety of unusual vigor and hardiness. Stems become very long, thick, and white. Early, popular with market gardeners wherever leek is grown. Used in soups and stews, for its onion like flavor.

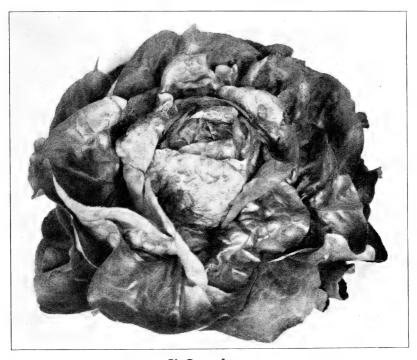
LETTUCE

HEADING VARIETIES

Latuca sativa-var. capitata

Lettuce has become a common and inexpensive vegetable on the table the year around. Its wide adaptability and the development of new or improved disease resistant varieties has enabled southern districts to produce heading types in the winter season and ship north. The following described varieties and strains offer the greenhouse forcer, home or market gardener and shipper a type for his requirement.

The letters **w. s.** following the variety indicate that it is a white-seeded sort, and the letters **b. s.** that it is a black-seeded sort.



Big Boston Lettuce

Telegraph Code Days Seeded to Marketable Heads

75

Season.

BIG BOSTON w. s.

LABOR

An old, standard variety of head lettuce which is known the world over. In Europe it is named Trocadero. An excellent sort for hotbed and cold frame forcing, and as an outdoor variety withstands much adverse weather. One of the surest heading types for the Middle West and Southern States.

HEADS — Medium sized, globular shaped, light green, butter-head type, firm, compact, well formed, crisp, tender, with buttery, light golden yellow heart; outer leaves smooth, glossy, medium light green, with slight tinge of reddish brown on the margins.

BROWN DUTCH WINTER b. s.

LAITY

76

A well-known standard American variety for home gardens in the late fall and winter.

HEADS — Medium sized, cabbage butter-head type, dark green coated with bronze red, firm; inner part of head buttery, creamy yellow, of good quality; leaves thick, smooth, with plain edges.

LETTUCE—Continued	Season. Days
Tele- graph Code	Seeded to Mar- ketable Heads
CABBAGE or Butter w. s. Also known as St. Louis Butter. A desirable variety for home and market planting, as it is quick growing and a sure header.	75
HEADS—Medium large, round, cabbage butter-head type; firm, golden yellow interior, with delicate buttery flavor; outside leaves thick, large, and medium green.	
CALIFORNIA CREAM BUTTER b. s. Widely admired by market gardeners and local shippers as a good heading variety, particularly in the cooler seasons of the year, although it is a fair summer heading sort. HEADS—Large, globular, firm, cabbage butter-head type; inside of head crisp, rich golden yellow with fine buttery flavor; outer leaves thick, large, dark green, tinged with brown spots.	75
CORNELI'S No. 16 w. s. A variety somewhat similar to Big Boston except it does not have the reddish tinge to the leaves, slightly earlier, and of a little finer quality. It is even more desirable for market and shipping purposes.	73
HEADS—Medium sized, globular, light green, firm, compact, crisp, tender, with buttery, light golden yellow heart; outer leaves smooth, glossy, and medium green.	
CRISP AS ICE b. s. A fine summer head lettuce for the home garden. Its rich bronze is distinctly different	78
and attractive. HEADS — Medium small, compact, well blanched, crisp and very tender with pleasing buttery flavor.	
HANSON w. s. Also known as Nonpareil. An old standard, medium late summer variety that is one of the best known in the home and markets. Supreme quality and flavor establishes it in the gardens of all who grow it.	82
HEADS—Large in size, globular, light green, curled, tender, crisp, compact, with a delightful rich, sweet flavor; outer leaves light green, large, and curly with fringed edges.	
HARDY GREEN WINTER w.s. Often called Hardy Green Hammersmith. A very old American variety which is one of the best for late fall or winter. HEADS—Medium sized, well shaped, cabbage butter-head type, compact, medium dark green, of good quality and flavor; leaves rather rounded, crumpled with	80
straight edges. ICEBERG w. s. Greatly in demand for use in the home and market gardens and by truckers to local markets. This is not the variety New York so often shipped and sold as Iceberg. Iceberg is more tender, of better flavor than New York, but not as hardy. HEADS — Medium large, well formed, attractive, compact, hard, crumpled, light green; interior white, crisp, tender, and sweet; outside leaves curled and wavy with fringed edges, margins tinged with reddish brown.	82
MAY KING w. s. The earliest head lettuce; excellent for forcing under glass and makes a fine outdoor variety for a first early spring planting. HEADS—Small, short round, and compact. Butter-head type, light green outer leaves tinged with red, with inner part of head creamy yellow and delicately flavored.	61
NEW YORK or Wonderful w. s. Also commonly called Los Angeles. The leading head lettuce known everywhere. It is the outstanding shipper because of its fine, large, hard, handsome heads and ability to make a good early crop at almost any season of the year and to carry for long distances. It is usually called Iceberg on the market. Our strain is unsurpassed. HEADS—Round, most attractive, dark green, tightly folded; interior creamy white, crisp, tender, delicate, sweet flavor, of excellent quality; outside leaves large, dark green, curled, and crinkled edged.	78

LETTUCE—Continued

Season. Days Seeded Teleto Marketable graph Code Heads

75

75

22

66

74

Season.

NEW YORK No. 199

LAPPY Resistant to tipburn and a better all around New York type where regular New York No. 12 or Wonderful is used.

HEADS—Medium large, develop solidly and better adapted to warmer growing conditions than original strains of New York.

NEW YORK No. 515, IMPROVED w. s.

LARRY A development of the New York variety for resistance to tipburn. It is to be highly recommended for general use and especially in sections where tipburn is prevalent and heading period runs into warm weather.

HEADS—Very attractive, well formed, solid crisp, medium large in size, bright dark green. Slightly earlier than regular New York.

IMPERIAL No. 847 b. s.

Of the Imperial introductions of the New York types this has much to offer. Showing excellent possibilities of fulfilling the desire for a variety to revive the lettuce shipping industry of the South. Resistant to Brown Blight.

HEADS—Medium large, attractive and oval formed; solid, and of generally very fine quality.

IMPERIAL No. 44 w. s. 82 Reports from growers in the East rate this as the surest heading strain of New York or Iceberg type and one of the best adapted to their section. Acclaimed for being

able to stand much hot weather and has fine possibilities for the South. HEADS—Smaller than No. 847, outer leaves tightly folded and compact with a slight

twist making a solid attractive head.

LEASE TRIANON COS or Paris White Cos (Romaine Lettuce) w. s. The best and most widely grown Romaine lettuce. It is an excellent home garden sort and used a great deal for forcing. The quality and flavor of this distinct type lettuce is second to none and offers a pleasant change from the commonly grown lettuce. Heads

readily in almost any climate. HEADS—Medium large, cylindrical, medium green, smooth leaved, upright, well folded, firm, with interior pale greenish white, exceptionally crisp, tender,

endive-like flavor.

WHITE BOSTON or Unrivalled w. s.

LICHE Similar to Big Boston, except it is lighter in color and does not have the reddish brown tinge on the margins of the leaves. It is a truly fine strain, particularly for local marketing.

HEADS—Medium size, cabbage butter-head type, light green, firm, compact, crisp, tender, with buttery creamy yellow interior; outer leaves light green, smooth,

glossy, and straight edged.

NON-HEADING OR LOOSE-LEAVED VARIETIES Latuca sativa-var. crispa

Days Seeded Teleto Marketable graph Plants Code 46

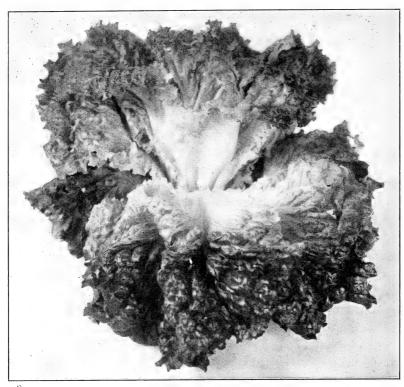
BLACK-SEEDED SIMPSON b. s.

An early, curled, loose-leaf lettuce which is noted for its rapid growth and dependability, whether being forced under glass or out in the open field. PLANT—Large, close forming, upright and compact; leaves crinkled and curled, crisp, tender, dainty light green color; of excellent flavor and quality.

CHICKEN w. s.

So named because of its use as feed for chickens and rabbits. Massive in size and it continues to grow an abundance of new leaves in replacement of old leaves as they are removed. Continues to supply enormous amount of green feed, even when shooting flower stalks. Medium to dark green in color and of the non-heading butter type.

LETTUCE—Continued



Prize Head Lettuce

Season.
Days
Seeded
to Marketable
Plants
45

43

EARLY CURLED SIMPSON w. s.

LETHE d American

Tele-

graph

Code

Also known as the White-Seeded Simpson. One of our oldest standard American varieties and one of the most widely used in the home garden. An early type.

PLANT—Medium large, hardy, vigorous, dependable grower; leaves formed in a compact bunch in the center, large, frilled, crinkled, curled, decidedly crisp and tender, clean light green in color; of excellent quality and sweet flavor.

GRAND RAPIDS FORCING b. s.

The outstanding variety for greenhouse forcing. Most valuable and extensively used as a very early market sort for outside growing. Being capable of withstanding diseases and developing in hot or cold weather, makes Grand Rapids a necessity to the lettuce

grower that must have this type.
PLANT—Large, erect, compact, and rapid grower; leaves, curled, crinkled, and fringed on the edges, crisp, delicately tender, exceedingly attractive clear light green

color, particularly sweet flavored.

OAK LEAVED

LEARN 43

A distinct lettuce. Leaves are smooth but deeply lobed to resemble the leaf of an oak tree. A favorite in home gardens where known. An early type.

PLANT—Medium large size, spreading, fairly dark green; leaves are thick, succulent, and tender. Forms an attractive headlike rosette.

PRIZE HEAD w. s.

Another old favorite that has held its place in the home garden for many years and up to this time it is still considered one of the best non-heading varieties. An early type.

Too tender for shipping. Has a beautiful appearance.

PLANT—Medium size, curly, frilled edge, loose leaf; inner leaves thin, crisp and very tender, bright medium green, fine sweet flavor; outside leaves medium

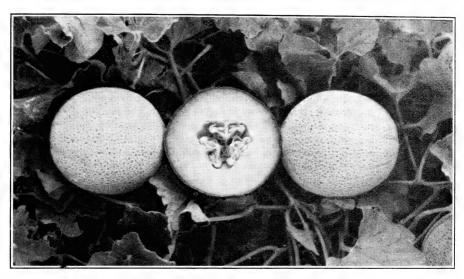
green, crumpled, and tinged with reddish brown.

MUSKMELON and CANTALOUPE

Cucumis Melo

Synonymous with the City of Rocky Ford, Colorado, in the Arkansas River Valley, is the thought, "Home of the finest melons in the world." It is there our Cantaloupes and Muskmelons are developed and produced under careful supervision to assure the users of Keystone Seeds a product grown and tested in the most thorough manner.

* Varieties marked with (*) denote those which are of the muskmelon type — others are cantaloupes.



KEYSTONE WINNER CANTALOUPE-For quality and uniformity it's "tops."

GREEN-FLESHED VARIETIES

Days Tele-Planted graph to Code Pickina

MUDDY

MEDIC

Season.

88

88

82

EDEN GEM

Known among growers as the most satisfactory variety of the original green-fleshed Rocky Ford type. Vines are rust resistant and very prolific.

FRUIT-51/2 inches long and 5 inches in diameter, or nearly round, uniform in size, entirely heavily netted; thick, firm, and green fleshed, with small gold lined seed cavity; flesh is fine grained, sweet, and of excellent quality.

*HACKENSACK, LARGE

MACLE A flat type, extra large, prominently ribbed, netted melon, used mostly in home gardens

and for local markets.

FRUIT—61/2 inches long and 91/2 inches in diameter, or flattened, thick green flesh, unusually juicy, sweet with spicy flavor.

*HACKENSACK, EXTRA EARLY

A popular extra early green-fleshed melon. Although not a good shipper, it is excellent for the earliest type in the home garden or market gardens. It is hardy and highly

FRUIT—5 inches deep and 7 inches in diameter, appearing round with flattened ends, distinct ribbing, coarse netting, flesh fairly sweet.

HONEY BALL MEADE 105

An excellent shipper and home and market garden type. Result of a cross between Honey Dew and Texas Cannon Ball that has the good qualities of both. A long-season

melon but it is an excellent keeper after reaching the ripened stage.

FRUIT—5 by 5 inches, or perfectly round, lightly netted, very hard greenish white rind:

thick, firm, green flesh, leaving only a small seed cavity; very sweet and appealing flavor.

MUSKMELON and CANTALOUPE—Continued

Telegraph Code

Season. Days Planted to Picking

112

88

HONEY DEW

This distinct melon is believed to have its origin in Africa. It requires a long season, but, once matured, it makes an excellent shipper or may be stored and kept in a fine edible condition during most of the winter months. This green-fleshed type is superior to the golden-fleshed one.

FRUIT—8 inches long and 7 inches in diameter, or large globe shaped, smooth creamcolored hard rind upon ripening, flesh light green and exceptionally juicy with

a sweetness entirely different from any other melon.

ROCKY FORD or Netted Gem

MAJOR

The world-famous cantaloupe that has served as foundation stock for our finest melons of today and is regarded as a standard of quality by the consumer. Principally used now for home and market gardens.

FRUIT— $5\frac{1}{2}$ inches long and 5 inches in diameter, or nearly round, indistinct ribs, very heavily covered with a hard netting, uniform in size, thick green flesh with a sweet spicy flavor.

PINK OR ORANGE-FLESHED VARIETIES

*BANANA

MAMMA A long, tapering banana shaped melon. Desirable as a late maturing variety in the South. It is a quite hardy and vigorous grower. Learn the art of picking at just the

FRUIT—20 inches long and $4\frac{1}{2}$ inches in diameter, tapering at both ends, smooth light yellow skin when matured, deliciously flavored and pink fleshed.

*BENDER'S SURPRISE

94

96

This melon is similar to Tip Top but a little later and has a firmer flesh and harder rind, which enable it to be shipped longer distances. Generally used in home gardens and truck gardens for close shipping.

FRUIT—8 inches long and 71/2 inches in diameter, or oval shape, distinctly ribbed and coarsely netted, light yellow colored, flesh bright salmon and of luscious flavor.

BURRELL'S GEM or Defender

98

A hardy variety capable of withstanding dry weather, but frequently cracks open at blossom end in wet weather. A fine shipping sort for sections that do not have too much rainfall. Sometimes called Ordway Pink Meat.

FRUIT—6 inches long and $4\frac{1}{2}$ inches in diameter, or oblong to oval, ribbed; closely netted; hard rind; flesh, deep salmon color and thick, fine textured, with sweet

spicy flavor.

KEYSTONE WINNER (H. B. Type)

*EMERALD GEM

MANGE

83

An early variety for the home garden. FRUIT— $4\frac{1}{2}$ inches long and 5 inches in diameter, flattened at both ends, smooth appearance with very little netting. Skin color is emerald green when ripe: flesh is very thick, leaving a small seed cavity, deep orange-salmon color, of

fine flavor and aromatic.

MAWIN

80

We have here the outstanding market and shipping cantaloupe of the Hales Best group. Its earliness, uniformity, productiveness, and edible qualities are unexcelled. Ideal for crate packing and long distance shipping. Truly a winner.

FRUIT—51/2 inches long, 51/4 inches in diameter, or short oval solidly netted, no ribbing, a very handsome fruit. Flesh rich, sparkling, deep salmon-orange color; thick, fine grained, of delicious sweet spicy flavor. Seed cavity very small.

HALES BEST, JUMBO STRAIN

The original H. B. maintained to the large size for those desiring early and large melons for trucking and roadside markets.

FRUIT—71/2 inches long, 6 inches in diameter; like the original it is slightly striped and ribbed and well netted. Deep salmon color flesh, thick flesh wall, excellently flavored.

MUSKMELON and CANTALOUPE—Continued

Telegraph Code Days Planted to Picking

83

88

92

85

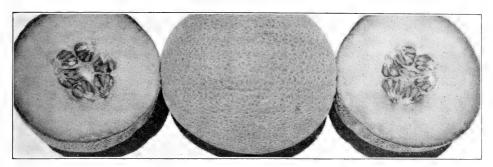
HALES BEST, IMPROVED No. 36

MALEN

The most popular and leading cantaloupe with large shippers and growers. It is a highly refined, extremely early and uniform melon that has become exceedingly popular with market gardeners and truckers.

FRUIT—534 inches long, 51/4 inches in diameter, or slightly oval. Remarkably uniform and fine for crate packing, entirely heavily netted, indistinct or no sutures.

Small seed cavity and deep salmon color flesh of excellent quality and sweet spicy flavor.



HALES BEST, IMPROVED No. 36-The leading market and shipping cantaloupe.

HALES BEST No. 936
A selected strain of H. B. for those who want a little larger melon than the Improved

No. 36. Widely used by truckers, market gardeners, and roadside markets.

FRUIT—61/2 inches long, 53/4 inches in diameter, heavily netted with indistinct sutures; deep salmon color, thick flesh of rich spicy flavor and fine quality.

IMPERIAL No. 45 or Hales Best No. 45 (Powdery Mildew Resistant)

Developed by Dr. Ivan C. Jagger and his associates of the U. S. D. A. Resistant to certain forms of Powdery Mildew and is valuable where this fungus damages melon crops. Noteworthy is the fruit as it can be picked at full slip ripened stage and be shipped long distances without deterioration. Known as "Sweet Eatin'" in some quarters.

FRUIT—61/2 inches long, 51/2 inches in diameter; heavily netted with distinct slight ribbing and sutures. Few days later than regular H. B. Not quite as sweet but of quite good flavor and quality with deep salmon flesh.

of quite good flavor and quality with deep salmon flesh.

HEARTS OF GOLD or Hoodoo

A mid-season cantaloupe which is splendid as a crop to follow the early varieties. It is popular among market gardeners and makes a fine shipper.
FRUIT—6 inches long, 51/2 inches in diameter, or almost round; well netted except in

the grooves between ribs, greenish rind, very small seed cavity; flesh extremely thick, firm, of good quality, distinct sweet, spicy flavor, deep golden orange.

PRIDE OF WISCONSIN or Queen of Colorado or Imp. Honey Rock (Sugar Rock) METER
A new introduction that is becoming quite popular with market gardeners and shippers.
Recommended to replace the need for Honey Rock or Sugar Rock.

FRUIT—6 inches long and 51/2 inches in diameter, or nearly round; hard grayish green rind; coarsely netted; flesh thick, juicy, very sweet flavored, and deep salmon color. Does not develop growth, cracks easily.

*OSAGE or Miller's Cream
Splendid muskmelon for home and market garden planting. Large salmon-fleshed type

in the mid-season class.
FRUIT—7 inches long, 61/2 inches in diameter, almost round, rind is not hard or flesh firm enough to be a good shipper; dark green skin that shows trace of yellowing at ripening stage, slightly netted and ribbed; flesh very thick, juicy, distinct, sweet spicy flavor, and deep orange-salmon color.

MUSKMELON and CANTALOUPE—Continued

Telegraph Code Season.
Days
Planted
to
Picking

PERFECTO, IMPROVED

MAYOR 90

The best late season melon of the main crop sorts. It is the finest cantaloupe for high quality and uniform fruits. It is excellent for shipping and market garden use. FRUIT—5½ inches long, almost round, no ribbing, heavily covered with a hard gray netting; flesh thick with unusually small seed cavity, fine-textured, sweet spicy flavor, rich salmon color.

POLLOCK 10-25 (SALMON TINT)

salmon color.

MANOR 94

A variety of the Rocky Ford type with pink flesh. Now largely replaced as a shipping variety by the Hales Best types but still a favorite in the home and market garden. FRUIT—5½ inches long and 5 inches in diameter, or nearly round, no ribbing, solid heavy net; flesh exceptionally thick, firm, juicy, richly flavored, deep orange color in the center; shading to green near the rind.

*TIP TOP

MANSE

90

Unexcelled for home and market garden use. It is an attractive, fine quality melon. Belongs to the Surprise group and very similar to the variety Irondequoit. FRUIT—71/2 inches long and 7 inches in diameter, or large round to oval, slightly netted, distinct ribbing; flesh thick, fine textured; distinctly sweet and rich flavor, deep

CANTALOUPE SEED, CROWN SET

Sold only in I-pound and 25-pound sealed Keystone cotton bags.

In order to supply our customers with a Stock Seed grade of cantaloupe seed, we carry a separate and special line. This high-grade seed is secured only from the first or crown set fruits. These I-pound bags are convenient, attractive, and give added assurance of the fine quality symbolic of Keystone seeds.

Refer to the preceding varietal descriptions for complete information as to character and uses of the below listed Crown Set seeds.



HALE'S BEST, JUMBO, CROWN SET
HALE'S BEST, IMPROVED No. 36, CROWN SET
HALE'S BEST No. 936, CROWN SET
IMPERIAL No. 45 (Powdery Mildew Res.), CROWN SET
KEYSTONE WINNER, CROWN SET
HEARTS OF GOLD, CROWN SET

WATERMELON

Citrullus vulgaris

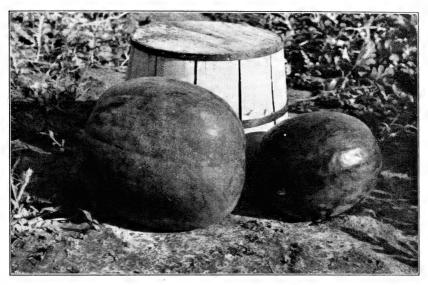
Please note the wilt resistant strains listed and described immediately following the regular varieties. Write us for information on any new varieties we have not listed as we will be in the process of testing them in our breeding and trial grounds to determine if they are worthy of being offered to the trade.

Season.
Tele- Days to
graph Ripened
Code Fruits

ALABAMA SWEET or Bradford

WACKE 90

A valuable shipping variety grown a great deal in the South. A medium early sort. FRUIT—Large, long, weighing from 25 to 30 pounds; rind, tough and elastic, deep green with irregular deeper green stripes; flesh, bright red color, fine grained, of good sweet flavor; seeds, creamy white with brown shades of mottling.



COMPARATIVE STUDY OF Left-STONE MOUNTAIN; Right-CALIFORNIA HONEY (New)

CALIFORNIA HONEY (New, Ice Box Size)

WHOTT

77

We introduce this new type to meet the demand of the consumer for a small ice box size melon. Shippers are finding a ready market with unlimited possibilities. May be shipped in bulk or packed in crates to facilitate shipping and distribution. We urge shippers and gardeners to make a trial planting.

FRUIT—Commonly 8 inches by 10 inches, beautiful deep dark green color, medium thick rind and unequalled for its distinct vivid scarlet flesh. Delicious sweet

flavor, and fine quality. Seeds black.

CLETEX or Spotted Watson

WHYOT

90 A Watson type melon with a tougher rind, suitable to withstand shipping to distant

markets. Similar in size and shape to regular Tom Watson and of good quality. FRUIT—Large, cylindrical shaped, weighs 30 to 35 lbs., dark green mottled on lighter green background. Full red colored flesh of good quality and sweet. Seed brown.

CUBAN QUEEN (Black Seeded)

90

A popular old variety, satisfactory as a shipper. Quite distinct from Dixie Queen. FRUIT—Almost round in shape; weighs around 30 pounds; rind, alternately striped with dark and light green; flesh, fine flavored, red in color; seeds black.

DIXIE QUEEN (Small White Seeds)

WIDEN

85

A splendid melon of many superb qualities and a leading commercial variety. An excellent shipper and home garden mèlon. It matures to an ideal size and produces an unbelievable number of fruits. Sometimes called White Seeded Cuban Queen. FRUIT—Almost round, with squarish ends; weighs around 30 pounds; rind, thin and tough, light green color with dark green stripes; flesh, fine grained, tender, lusciously flavored, and rich scarlet color; seeds, very small and white colored.

EARLY KANSAS or Indiana Striped or Red Russian

WIFID

A recent introduction that merits a place among the best of the watermelons. It is an early type, exceptionally vigorous grower, and a proven high producer of unusually fine fruits well suited for shipping.

FRUIT--Oval in shape; weighs 30 pounds; thin rind, light green with broad dark green irregular stripes; flesh, solid deep red, fine textured, tender, delightful flavor;

seeds, tannish brown color.

Telegraph

Season. Days to Ripened Fruits

FLORIDA FAVORITE

Code

A medium early sort which is in demand as a standard home and market garden type. FRUIT-Large, oblong in shape, weighing around 30 pounds; rind, dark green with mottled stripes of light green; flesh, very sweet, of high quality, deep red in color: seeds, white.

FLORIDA GIANT or Black Diamond or Cannonball

88

A melon which has become very popular throughout the central west and southern districts. Makes a vigorous vine growth, does not sunburn as easily as many varieties; develops unusually attractive enormous fruits. An excellent shipper and all purpose

FRUIT—Large oval shape, commonly 50 pounds. Specimens up to 125 pounds have been produced. Very dark green color with bluish bloom; flesh bright red and of very sweet delicate flavor. Seeds, dark mottled brownish black.

GEORGIA RATTLESNAKE

WAGON

90

A standard main crop shipping variety that has been an old favorite in the South for a number of years. An excellent variety of superb quality. Also known as "Gypsy". FRUIT—Large, long, weighing around 30 pounds; rind, very tough, yellowish green

with very dark green stripes; flesh, fine grained, delicious sweet flavor, rich scarlet in color; seeds, creamy colored with brown tips.

GOLDEN HONEY

90

A truly fine, yellow-fleshed melon that makes a novel home and market garden type. FRUIT—Large, oblong shape; weighs 20 pounds; rind, dark green with irregular darker green stripes; flesh, tender, crisp, delightfully flavored, and bright yellow color; seeds, brown.

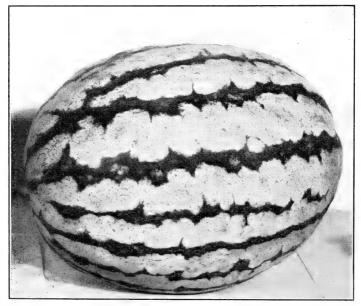
GRAYSTONE

WINOT

90

A Stone Mountain type with a thin but very tough rind which possesses unusual holding qualities for marketing and an exceptionally fine edible quality. All America Selection S. M. 1933.

FRUIT—Shaped like Stone Mountain, weighs about 35 pounds, mottled gray green, tough rind with bright red, crisp flesh of fine texture. Seed, medium sized and white.



DIXIE QUEEN-An excellent shipper.

Telegraph Code

Season. Days to Ripened Fruits

HALBERT'S HONEY

WAITS 87

An outstanding superior quality medium early home and truck gardening sort. Similar to Kleckley's Sweet, except it does not have as hard a rind.

FRUIT—Large, oblong to cylindrical shaped; weighs about 30 pounds; rind, thin and tender, dark green color with fine veins; flesh, tender, melting, fine textured, supreme in flavor, free of any stringiness; crimson in color; seeds, creamy white with blackish tips.

HARRIS' EARLY or Cole's Early

WOODY

80

One of the best very early varieties popular in the shorter seasoned Northern sections. Desirable for home and market gardens.

FRUIT—Medium sized, almost round or oval in shape, weighs around 20 pounds; rind, dark green with lighter green stripes, brittle and thin; flesh, firm, fine grained, of good sweet flavor, rich red color; seeds, black.

IRISH GREY

WAKEN

A late, main crop melon particularly valuable as a shipper to distant markets.

FRUIT—Large, oblong; weighs around 35 pounds; rind, extremely hard and tough, light greyish green; flesh, firm, tender, of excellent quality, brilliant red in color; seeds, white.

KLECKLEY'S SWEET or Monte Cristo

85

90

The leading melon for home gardens and local markets. This variety represents the highest standard of quality. Its widespread popularity shows what a heavy favorite it has become.

FRUIT-Large, cylindrical in shape; weighs around 35 pounds; rind, thin and brittle, deep dark green in color; flesh, tender, crisp, melting, large heart, fine grained, superb flavor of unbelievable sweetness, brilliant sparkling red in color; seeds, white.

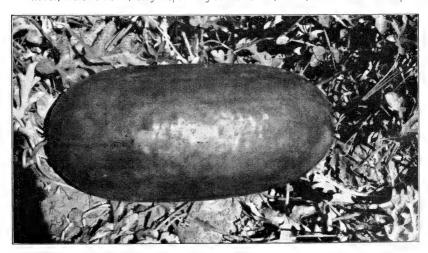
STONE MOUNTAIN or Dixie Bell

WEARY

90

A truly fine melon that has rapidly gained widespread popularity. Makes a wonderful main crop sort for shipping long distances. It is unsurpassed in quality. Very prolific and adapts itself to adverse growing conditions. Try it in the garden.

FRUIT-Very large, broad oval to almost round, with blocky ends; weighs around 50 pounds; rind, hard, tough, dark green; flesh, tender, extremely sweet appealing flavor, massive heart, bright sparkling scarlet color; seeds, white with black tips.



TOM WATSON IMPROVED-An old favorite.

Telegraph Code Season. Days to Ripened Fruits

SWEET HEART

A fine shipper or home and market garden variety. Reliable, vigorous, and prolific main

crop sort.

FRUIT—Very large, oblong to oval shape; weighs around 40 pounds; rind, hard and tough, light green with fine veining; flesh, firm, crisp, sweet, bright red in color; seeds, black.

TOM WATSON, IMPROVED

WEIRD 92

An old favorite among the shipping sorts. This improved strain with its big full red heart is exceptionally fine. It is very prolific and the fruits are unusually uniform in shape and quality.

FRUIT—Very large, cylindrical in shape; weighs around 40 pounds; rind, very tough and elastic, darker green rind than old strain, slightly veined; flesh, firm, rather coarse, free from cores, delicious, deep bright red color; seeds, brown with white mottling.

BLACK WATSON or Blue Watson

WEPOR 90

This is an unusually attractive and fine strain of Watson fully equal to the Improved and with the distinction of having a much darker green glossy rind. A splendid shipper.

WONDERMELON WAIVE 85

Also known as Improved Kleckley's Sweet; unexcelled for home garden and local marketing for short hauls. Fruits of good quality and flavor and most handsome appearing.

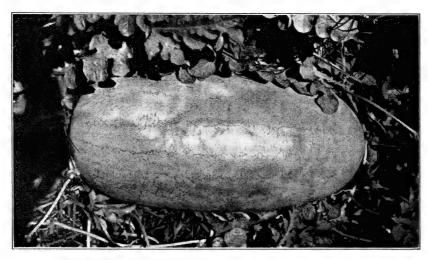
FRUIT—Very large, cylindrical in shape; weighs around 40 pounds; rind, thin and brittle, deep dark green in color; flesh, tender, crisp, large heart, fine grained, delicate sweet flavor, brilliant red in color; seeds, large white.

RED CITRON (Red Seeded)

WAXEN 95

The standard citron for preserves and candied fruit. Identical with the green-seeded citron except in color of seed. Very prolific sort.

FRUIT—8 inches in diameter, or round; rind, alternating light and dark green stripes; flesh, solid and white, not edible in raw state; seeds, bright red.



HAWKESBURY, IMPROVED-A splendid wilt resistant shipping variety.

WILT RESISTANT STRAINS

Telegraph Code Season. Days to Ripened Fruits

88

90

HAWKESBURY, IMPROVED or Grey Shipper

WRANE

ANE 8

Introduced by the Australia Department of Agriculture. A wilt resistant Irish-Grey and Thurmond-Grey type; has fine shipping qualities.

FRUIT—Large, oblong shape, light grayish green with slight veining, tough rind; flesh, dark red, very sweet and fine textured. Seeds brownish black.

KLECKLEY'S SWEET No. 6

WRINN

This melon is unusually valuable in that it has the fine quality of the regular Kleckley and still processes high degree of wilt resistance. To get maximum stands on infested

FRUIT—True Kleckley; large cylindrical shape, fine sweet flavor with deep red flesh of splendid quality.

soils delay thinning until small plants have grown past danger stage.

KLONDIKE DARK GREEN R-7

WRORE

Developed by the Dr. D. R. Porter of the University of California by crossing Iowa Belle and Klondike. May be used wherever the regular Klondike, grown commercially in California, is adapted.

FRUIT—Medium sized, oblong in shape; attractive dark green skin with slight covering of greyish bloom. Acclaimed by many as one of the sweetest of all melons. Strength of rind considered equal to regular Klondike. Flesh bright red, excellent quality. Seeds small; color black intermingled with shades of tan.

LEESBURG

WROTO 90

A wilt resistant Kleckley Sweet developed by the Florida Experiment Station and is well recommended by growers in that section.

FRUIT—Similar to regular Kleckleys although not quite as long. Rind dark green, flesh red with very sweet flavor and fine texture. Seeds white.

STONE MOUNTAIN No. 5, Improved

WRUME

JME 90

Highly resistant to Fusarium Wilt. In characteristics and use it is similar to regular Stone Mountain.

FRUIT—Similar to regular Stone Mountain but runs little smaller in size and quality or sugar content not as high. Rind thick and flesh bright pink. Seeds white spotted with black.

STRIPED KLONDIKE (Blue Ribbon Klondike)

WRUPP

80

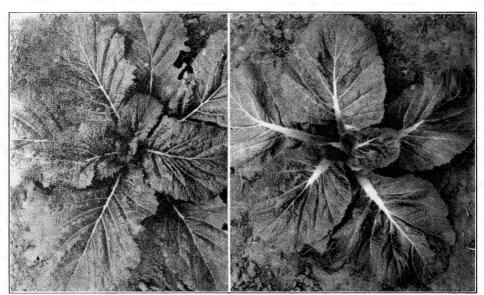
This Blue Ribbon Wilt Resistant strain of Striped Klondike was developed by the University of California at Davis, California, and is a very worthy addition to the Wilt Resistant class of watermelons and opens up new possibilities for other areas to produce this notably high quality melon.

FRUIT—Cylindrical, with oval ends, weighs about 20 lbs., irregularly green striped on light green background, rind moderately tough, making good local shipper and excellent home garden melon; flesh deep rich red and crisp and lusciously sweet. Seed black and white mixed.

MUSTARD

Brassica juncea

Although mustard is today well known and commonly used for greens throughout the South, we feel it is destined to become even more popular as people practice the use of successive plantings. Try canned mustard greens offered by the grocer—they are really good.



Intimate Study of Broadleaved Mustards: Chinese Broadleaved (left), Florida Broadleaved (right).

Telegraph Code

CHINESE BROAD LEAVED or Elephant's Ear

MAPLE A commonly grown mustard; a hardy and vigorous grower; produces large, broad, oblong, smooth, serrate, medium dark green leaves in a rounded mid-rib, tender and ecellent for greens, either as a salad or for boiling. This variety does not shoot seeders quickly. Seeds reddish brown.

FLORIDA BROAD LEAVED

MANTA A fine, large, rapid growing type, with bright medium green, thick broad, oval, smooth, large, slightly tooth-margined leaves with a distinct flattened whitish mid-rib. It is extensively grown because of its fine edible qualities and is not quick to bolt seeders. Seeds reddish brown.

FORKHOOK FANCY CURLED or Ostrich Plume

A very finely curled plume like mustard. Very desirable for greens and salads for its excellence in quality and for being so slow in bolting seeders. A vigorous, upright plant, rich bright green and deeply fringed leaves. Seeds reddish brown.

SOUTHERN GIANT CURLED (Long Standing)

The leading mustard. It is unquestionably the most popular and widely known. It represents a high standard in quality and attractiveness. Plant large and upright in growth. Leaves, large, long oval, crumpled, curled, and fringed on the margins, bright medium light green in color. Seeds reddish brown. All America Selection G. M. 1935,

YELLOW or White London An early sort, grown principally for its light-colored seeds, which are used for making table mustard. Plant rather dark green, with smooth, deeply cut leaves. Not used for greens, as it bolts seeders very early.

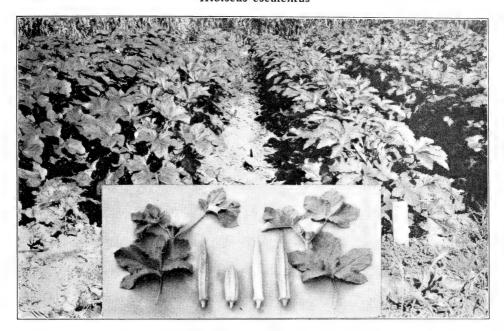
TENDERGREEN or Mustard Spinach (Komatsuma)

MEDAL

A recent introduction of Oriental origin that has outstanding merits. It is an excellent sort because of its resistance to hot, dry weather and delicious flavor resembling blended spinach and mustard. Leaves, rich dark green in color, large oblong, smooth, with slender whitish center ribs. Does not bolt seeders quickly.

OKRA or GUMBO

Hibiscus esculentus



OKRA TRIALS—Inset of pods, left to right: DWARF STALK LONG POD, DWARF GREEN, WHITE VELVET, and PERKINS (Long Green).

Days Telegraph to Edible Code Stage

55

50

52

60

60

OANID

OABIB

CLEMSON SPINELESS

OAWIN Developed by the South Carolina Experiment Station. A fine commercial and garden variety most impressive for its uniformity of plant and spineless feature. A Perkins Green Pod type. All America Selection S. M. 1939.

PLANT—4 to 41/2 feet tall; moderately foliaged; very prolific.

PODS —Develops to 9 inches long by $1\frac{1}{2}$ inches in diameter; straight ridged and tapered near tip; rich green and of good quality. OAKEN

DWARF GREEN or Dwarf Green Prolific

A very early and productive sort. A vigorous grower which produces remarkable pods. PLANT—2 to $2\frac{1}{2}$ feet in height, sturdy, hardy, and well branched. PODS —4 to $4\frac{1}{2}$ inches long, dark green, ridged, pointed, tender, and fleshy; a very

good flavorer for soups and stews.

DWARF STALK LONG POD

As the name implies, this variety combines the dwarf growing habit with the long pod characteristic.

PLANT— $2\frac{1}{2}$ to 3 feet, sturdy, well branched.

PODS —7 to 8 inches long, tapered at tip, dark green, slender, good quality.

LOUISIANA GREEN VELVET

Similar to Louisiana White Velvet except green in color, which fulfills the need of processers for a velvet type which retains its color, A very prolific and hardy sort. All America Selection H. M. 1941.

PLANT—5 feet tall, uniform, sturdy, and a very vigorous grower.

PODS —8 inches long, slender, straight, smooth, tender, and of appealing soft green

LOUISIANA WHITE VELVET or Lady Finger

A very fine strain of white velvet for the home and market garden; strikingly uniform. PLANT—5 feet tall, uniform, prolific, well foliaged.

PODS -7 to 8 inches long; slender; straight; attractive; round; smooth, white and of good quality.

OKRA OR GUMBO—Continued

Hibiscus esculentus

Season. Tele-Days to graph Edible Stage Code OASIS 60

PERKINS MAMMOTH LONG POD or Long Green

A leading home, market garden, and canning variety. Medium early in season and very prolific.

PLANT— $3\frac{1}{2}$ to $4\frac{1}{2}$ feet tall, well foliaged.

PODS -7 to 8 inches in length, dark green, tapered, slender, fleshy, tender, and heavily ribbed. Of excellent quality.

OBESE 60 WHITE VELVET

An early, highly productive distinct sort, which is fine for the home garden.

PLANT—3 to 3½ feet in height.
PODS —6 to 7 inches long, slender, entirely white, with a faint greenish cast; fleshy, tender, smooth, tapered, of fine quality.

ONIONS Allium Cepa

Cur strains of onions are more than the variety name indicates. They are from careful selected types bred for their specific use to give a maximum return to the grower for his crop investment. being big suppliers to a group of the largest and most critical growers in America, we have seen the results of our efforts transformed to profits for these growers.

> Tele-Days graph Seeded Code to Bulbs

> > 110

112

95

90

100

OUTER

AUSTRALIAN BROWN

OCEAN One of the best keeping onions. A standard variety originally used for its ability to be held through the winter. Used a great deal for sets. A very dependable producer. BULBS—Medium sized, thick-flat to oval in shape; flesh, solid, white, strongly flavored; skin, very thick, reddish brown in color.

DANVER'S YELLOW GLOBE

A splendid Yellow Globe type of a standard sort which matures earlier than many of the earlier yellow varieties. Valuable as a storage onion. It also holds an important place in the home garden.

BULBS—Medium sized, round shaped, uniform in development, small neck; flesh, white with yellowish tint, solid, crisp, fine textured, fairly mild; skin, thick yellow in color.

EARLY YELLOW GLOBE

An excellent early onion which has the much desired combination of earliness, color and type, along with sufficiently good keeping qualities to be readily marketed to distant markets for a considerable length of time. A dependable cropper. BULBS-Medium large, globular to slightly flattened with a deep golden color, solid

and of pleasingly flavored light creamy flesh. EBENEZER or Japanese

120 Exceptionally high quality onion of large, mild type bulbs. Excellent for sets. Produces early green bunching and marketable bulbs from sets planted in the spring. Its small top assures thorough ripening. Sets have splendid over-winter keeping qualities. BULBS-Large sized, thick-flat shaped, small necks; flesh, very firm, white, fine textured, very mild; skin, attractive deep yellow color.

GRANO, WHITE The White Grano is just becoming known. Developed by the New Mexico Experiment Station for an early shipping sort to fulfill the demand for a more productive, better shipping and keeping sort to replace Crystal Wax.

BULBS—Top shaped, white skinned, mild and sweetly flavored firm flesh. Bulbs will grow to large size like Yellow Grano.

GRANO, YELLOW 90

The Grano has for several years been increasing in use through Texas, New Mexico and the Southwest. It fills the same purpose as the Bermuda types with better holding qualities for the early market when properly matured. More productive than Bermuda. BULBS-Distinct top shaped, deep straw colored skin; flesh firm, mild and sweet flavored Bulbs develop to large size under good growing conditions.

MAMMOTH SILVER KING

An imported variety which is desirable for the early market. Reaches enormous size and most attractive for market use.

BULBS-Large, thick, flat, rather large necks; flesh, coarse textured, tender, white, extremely mild with sweet flavor; skin, beautiful silvery white.

ONIONS—Continued

Telegraph Code

Season. Days Seeded to Bulbs

MOUNTAIN DANVERS or Oregon Danvers

OUPPE This is a fine storage and shipping onion and is the main cropper in the more shorter seasoned areas such as Western Colorado. A productive Danvers type and deserves more recognition.

BULBS—Medium large, deep golden brown, thick skinned, globular with flattened base, and light creamy solid mild-flavored flesh, giving very little storage loss.

110

One of the most widely known standard American varieties. It is unquestionably an excellent sort for the production of sets, or large mature bulbs for long storage, and by far the leading red onion.

BULBS-Large, flattened and uniform in shape, small neck that matures down very nicely; flesh, solid, fine grained, white flushed with pink, strong but of pleasing flavor; skin, purplish red in color.

SOUTHPORT RED GLOBE

120

Another one of the most popular and best red onions. It is of ideal market size at maturity and the most attractive in color and shape of the red types. Highly productive, a good keeper, and late in season.

BULBS-Medium large size, globe shaped, small necks; flesh, fine grained, white with a slight pink tinge, firm, of strong flavor; skin, thick, and deep purplish red in color.

SOUTHPORT WHITE GLOBE

115

A beautiful, uniform, high quality, prolific variety that commands a premium on the market. It is one of the best of the large white onions. A good keeper for a reasonable length of time.

BULBS-Medium large sized, perfect globe shaped; flesh, waxy white, fine grained, solid, mild, appealing flavor; skin, thin, most attractive pure white in color.

SOUTHPORT YELLOW GLOBE or Brigham Yellow Globe

ORION

115

112

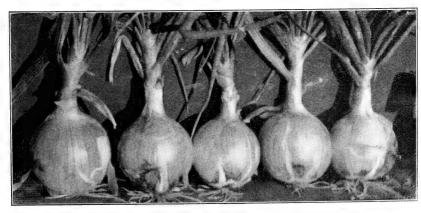
Valuable standard yellow variety, particularly for its uniform, attractive shape and keeping qualities. A hardy, highly productive sort that makes a fine main crop shipping

BÜLBS-Medium sized, perfect globe shaped, excellent maturing type; flesh, tendency to be slightly yellowish, solid, fine grained, fairly strong but pleasant flavor; skin, thick, and yellow in color.

YELLOW SWEET SPANISH (Utah Strain)

For a popular priced Sweet Spanish of the regular type we offer this well known strain. Very productive and adapted for growing in the big shipping sections and is a good keeper.

BULBS-Large yellow globe shaped, small neck which cures down well. Flesh, white; fine grained; of mild flavor.



KEYSTONE YELLOW SWEET SPANISH No. 6-Unsurpassed for production, shipping, and storing. Picture taken early in season before bulbs have matured.

ONIONS—Continued

Telegraph Code

Season. Days Seeded to Bulbs

112

KEYSTONE YELLOW SWEET SPANISH No. 6

OREAP

Originally developed by Prof. A. M. Binkley of the Colorado Experiment Station and since maintained to its fine qualities by our own staff. Unquestionably the finest Sweet Spanish for growers and shippers. Produces tremendous tonnage of U. S. No. I per acre and stores over entire winter with a remarkably low shrinkage. A vigorous grower and overcomes thrip damage.

BULBS—Large, perfect globe shape, small neck curves down excellently, with heavy protecting deep yellowish-brown skin. Flesh, white; fine grained; mild

pleasing flavor.

OVATE 95 WHITE LISBON

A white sort generally used for early bunching onions.

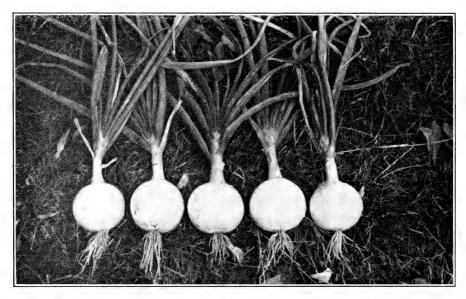
BULBS-Medium sized, round shaped, with a thick neck; flesh, white, fairly firm, of fair quality; skin, white in color.

WHITE PORTUGAL or Silverskin

OMBER 100

The all-purpose white onion. A standard variety which is the main white set producer, serves for storage and shipping, excellent for pickles, boiling, or for green bunching. Early in maturity and a hardy, reliable type.

BULBS-Medium sized and thick flat; flesh, firm, white, fine grained, mild, pleasant flavor; skin, silvery white in color.



KEYSTONE WHITE SWEET SPANISH-An outstanding strain.

KEYSTONE WHITE SWEET SPANISH (Special Shipper)

ORAIN 112

Our new strain of this fulfills the demand of the large grower and shipper for a white Sweet Spanish onion that grows the fine large bulbs, stores over long period, and yields along with the regular yellow Sweet Spanish. This is truly an outstanding strain. BULBS—Large, very uniform globe shape, attractive pure white; small necks that cure

down excellently for storage; flesh, white; fine grained; of fine quality and

mild flavor.

YELLOW GIANT PRIZETAKER (Denia)

108 OPERA

A large type, yellow sort that was one of the principal American varieties. Most popular in the South as an early shipping variety. Not as good a storage bulb as the Sweet Spanish which is now rapidly replacing it.

BULBS—Large globe shaped; flesh, white, fairly firm, coarse textured, mild and sweet flavored; skin, thin, glossy, and of straw color.

ONIONS—Continued

BERMUDA ONION

Season. Days Tele-

graph Seeded Code to Bulbs

NOTE—To avoid confusion and delay when ordering; if the Bermuda with the straw colored skin is wanted order under the name of "Yellow Bermuda." If the pure white skin variety is wanted order under the name of "Crystal Wax." See below for varietal description.

CRYSTAL WAX ODEON 92

An extremely early, mild onion of the white Bermuda type. A very popular variety and used particularly in the South for shipping to Northern markets. Excellent as a table onion. Not suitable for long storage.

BULBS-Medium sized, flat shaped; flesh, white, coarse textured, juicy, sweet, delicious

flavor: skin, waxy, pure white in color.

YELLOW BERMUDA OCHIT 92

Noted for its extremely mild, sweet flavor, and earliness. Used extensively in the South. Frequently grown from plants, but satisfactory for growing large onions direct from seed. Not suitable for long storage. Sometimes called "White Bermuda," which is confusing and should be discontinued.

BULBS—Medium sized, flat shaped; flesh, white, coarse textured, very juicy, sweet, mild flavor; skin, thin, straw colored.

ONION SETS

For many years Corneli Seed Company has been known as headquarters for onion sets. Our policy of supplying from select strains only the very finest sets which are well cured, dried, carefully sorted and graded, assures the customer an excellent product. Sets are available in the following varieties and colors in the months as indicated:

September to March

Ebenezer (Yellow) Yellow

Red White September and October

Crystal Wax Yellow Bermuda Egyptian Winter Top

PARSI FY

Petroselinum hortense

var. radicosum **PACHA** HAMBURG (Edible Root)

This parsley forms a short thick parsnip-like root which is used for flavoring in soups, etc. If so desired, these roots may be stored for winter use, the same as other crops of this nature. Leaves are plain and deeply cut, resembling the plain variety.

MOSS CURLED or Double Curled or Triple Curled

Unsurpassed for decorative garnishing purposes. This variety produces a compact growth of very rich, dark green leaves, which are extremely curled and finely cut, giving an appearance of moss; hence the name.

PANOR PARAMOUNT

A triple curled type parsley of fine merits. Very uniform plants with stout stems for bunching. A vigorous grower developing to 12 inches tall and a width of 20 inches; shows resistance to tipburning and is of exceptionally dark rich green color. All America Selection S. M. 1936.

PLAIN

Desirable for its aromatic and flavoring qualities in soups, etc. The plant is a heavy yielder of smooth, dark green, deeply cut leaves.

PARSNIP

Pastinaca sativa

PAREL HARRIS MODEL

A most refined parsnip. Exceptionally smooth and free from side roots with a very attractive whitish color that makes them stand out distinctly on the market. ROOTS-About 12 inches long with a well proportioned shoulder uniformly tapered to tip. Very tender and of fine flavor.

PARSNIP

Pastinaca sativa

Telegraph Code

LARGE HOLLOW CROWN or Ideal or Guernsey

PALMY

One of the best and most popular varieties. It is hardy, a vigorous grower, and highly dependable. Of superb, sugary flavor.

ROOTS—About 12 inches long, 3 inches in diameter at the shoulder, tapered to a point, smooth, hollow crowned, white; flesh, fine textured, tender, and of dandy quality.

SHORT THICK PAFER

A variety much shorter than the Hollow Crown. It is early, has small tops, and is easy to harvest.

ROOTS—6 inches in length, 3 inches in diameter at the crown, tapered to point, smooth, free of side roots; flesh of pleasing flavor.

GARDEN PEAS

Pisum sativum

The importance of peas as a food is emphasized when we realize how extensively they are grown and how often they appear on our menu. It is a tremendous industry which places a big responsibility upon the seedsmen to have available sufficient quantities of seed true to variety and bred to produce a profitable crop in a given locality for a definite purpose whether it be for the gardener, shipper, canner or freezer.

In accepting our share of the responsibility we carry on a perpetual breeding program to constantly improve, instill disease resistance, and develop new varieties to meet the ever changing demand. The carefully chosen production areas for our Keystone Pea Seed is indicative of their excellent quality.



HARVESTING INCREASE PLOTS OF PURE LINE STRAINS OF PEAS ON OUR TWIN FALLS BREEDING FARM

Telegraph Code Season. Days to Picking

F)

EXTRA EARLY AND EARLY VARIETIES

PANEL

. 54

ALASKA (Wilt Resistant)

This standard variety is probably the most widely grown of all peas. Its uses in the canning industry and as a first early market garden variety have made it familiar to everyone. Resistant to fusarium wilt.

VINÉ —28 inches tall, slender, light green, uniform in growth.

PODS—23/4 inches long, smooth, blunt, light green, straight, round, 5 to 7 peas.

PEAS —Small, round, light green, medium quality. Dry seed, bluish gray, green and smooth.

GARDEN PEAS—Continued

Telegraph Code PALNO Season. Days to Picking 57

58

ALASKA H. F. 30

A larger super type Alaska developing a vine four to six inches taller and more vigorous grower than regular Alaska. Vines slightly coarser and is a little better adapted further south than regular Alaska. A widely used canning strain and a good early garden pea.

VINE —32 to 34 inches tall, shade darker green than regular Alaska, productive, vigorous growing type.

PODS-23/4 to 3 inches long, of same shape and general appearance as Alaska except slightly longer.

PEAS —Small round, medium light green and uniform. Dry seed medium small, bluish green, round, and smooth.

AMEER or Claudit or Mammoth Pod Alaska or Bountiful

PANGE

Used by market gardeners as it has a larger pod than Alaska.

VINE -30 to 36 inches, uniform in height, light green.

PODS—3 to 31/4 inches long, single, medium green, blunt, somewhat curved, 7 to 8

PEAS —Round, light green, medium quality. Dry seed, bluish green, round, and smooth.



AMERICAN WONDER, EARLY DWARF-Entirely new and the answer for the long needed truly Dwarf American Wonder.

AMERICAN WONDER, Early Dwarf

PANIC

60

A pea which has become a part of every home garden. A wrinkled, early sort with a very fine flavor. Our variety of this is entirely new and being introduced in 1943. See picture below.

VINE-15 inches tall, sturdy, dark green.

PODS—31/2 inches long, blunt, broad, medium light green, sometimes paired, straight, 6 to 7 peas.

PEAS —Fine flavored and tender. Dry seed, green, wrinkled.

CREOLE

PAINO

70

An increasingly popular pea which produces well in the South and bears over a comparatively long period. Particularly valuable for home garden planting in areas where the regular garden peas do not thrive. Shows resistance to mildew. Also recommended as a green cover crop. Our stock is pure line bred and shows excellent uniformity. See picture top page 70.

VINE $-4\frac{1}{2}$ to 5 feet tall, very vigorous, prolific, hardy, and medium light green.

PODS—23/4 to 3 inches long, well filled, medium green, single and paired.

SEED —Cream to light green color and smooth, dimpled.

GARDEN PEAS—Continued Tele-Season. Days to graph Code Picking

DWARF TOM THUMB

54 PURGE

An extremely early and very dwarf smooth-seeded variety with unusually large pod to be so early.

VINE —8 to 12 inches tall, dark green, small but vigorous grower.

PODS—3 to 31/2 inches long, dark green, single, 7 to 8 peas per pod. PEAS - Medium dark green, good quality. Dry seed, medium dark green, round, dimpled and smooth.

FIRST AND BEST or Morning Star or Pedigree Extra Early or John L.

PAPPY 54

As the name indicates, this variety is one of the very earliest peas known for early market.

VINE —30 inches tall, vigorous, hardy, medium green, slender, good yielder.

PODS-23/4 inches long, light green, 5 to 7 peas, blunt, round, and single.

PEAS —Round, light green, fair quality. Dry seed, round, white to whitish green, and smooth.

GLACIER PAOON 58

An Early Thomas Laxton and a worthy variety where earliness is a factor for the development of an early large pod similar to Thomas Laxton. Resistant to fusarium

VINE --- 30 to 32 inches tall, hardy grower and very productive for its class.

PODS—31/4 inches long, dark green, squared end pod similar Thomas Laxton.
PEAS—Flattened round shape, rich green, 7 to 8 peas per pod, of sweet flavor and very good quality. Dry seed, wrinkled, cream and green color.

GRADUS or Prosperity

improved stock.

64

62

62

Most valuable as a medium early, large-podded pea for home and market gardeners. Has become important in the freezing preservation industry. Our strain very uniform

VINE —36 inches tall, a very vigorous, uniform grower, heavy medium green foliage. PODS—4 inches long, medium green, single, broad, pointed, 8 peas per pod.

PEAS -Large, oblong, sweet, very fine flavored. Dry seed, large, oblong, wrinkled, cream to green colored.

HUNDREDFOLD or Laxtonian or Blue Bantam

PURLY

A splendid large dark-podded variety of leading importance that has proved most valuable for truckers, shippers, and also home gardeners.

VINE —18 to 20 inches tall, very uniform, dark green, sturdy stem, heavily productive. PODS—41/4 to 41/2 inches long, single, broad, curved, pointed, dark green, 8 peas. PEAS —Large, sweet, excellently flavored. Dry seed, large, wrinkled, cream to green colored.

LAXTON'S PROGRESS

PUTTY

This variety has been so readily accepted by shippers, home and market gardeners, that it is now the most important of the dwarf, large-podded, Laxtonian sorts. Recommended as adapted to freezing preservation.

VINE —16 to 18 inches tall, dark green, prolific grower.

PODS—41/2 to 43/4 inches long, single, attractive, fully 3/4 inch broad, dark green, curved and pointed, with 7 to 9 peas.

PEAS —Large, green, oval, tender, excellently flavored. Dry seed, large, elongated, flattened, wrinkled, green and yellow.

LAXTON'S SUPERB or Early Bird or Improved Laxtonian

60

The earliest of the large-podded dwarf peas. Very fine for the earliest home and market garden demands.

VINE —18 to 20 inches tall, light green, very hardy, robust, heavy yielder.

PODS-4 to 41/4 inches long, medium green, sometimes double, curved, pointed, 8 to 9

PEAS —Dark green, round, tender, good quality. Dry seed, dark green, dimpled, belonging to the semi-wrinkled class.

GARDEN PEAS—Continued

Telegraph Code PADDY Days to Picking 62

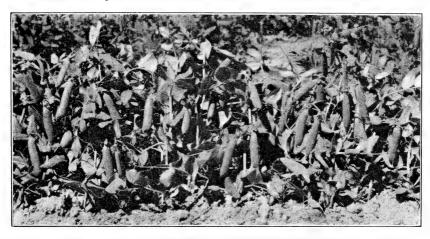
LITTLE MARVEL

A standard of high quality, productiveness, and a truly attractive podded variety. It is unsurpassed by any other pea in its class. Extensively used for shipping and local marketing. Our stock of pure lined darker vine and pod much improved over original

VINE —18 inches tall, sturdy, dark green, and very productive. PODS—3 inches long, single and guite often paired, blunt, dark green, plump, round,

exceptionally well filled, 7 to 8 peas.

PEAS —Large, green, tender, sweet, fine, flavored. Dry seed, distinctly squarish, wrinkled and green.



LITTLE MARVEL-A fine shipping and garden pea.

MAMMOTH POD EXTRA EARLY

PADON

58

A very prolific early pea valuable for its large pods. A hardy robust sort popular in many home and market gardens.

VINÉ -30 inches tall, medium dark green, single medium straw.

PODS—3 inches long, single, medium light green, round, broad and blunt with slight tapered to stem end; 6 to 7 peas.

PEAS —Large, rich green; of good flavor. Seed, smooth but dimpled; green to cream

colored.

NOTT'S EXCELSIOR

PARTY

60

A well-known early home garden pea, with very fine edible qualities. The same as American Wonder as it is commonly known in the trade.

VINE —16 inches tall, slender, dark green, vigorous grower.

PODS—3 inches long, blunt, sometimes paired, medium green, straight, 6 to 7 peas. PEAS —Tender, medium sized, and of good quality. Dry seed, squarish, and green in color.

PREMIUM GEM or Little Gem

63

A favorite among many home and market gardeners. Hardy and high in productivity. VINE —18 to 20 inches tall, occasionally paired, medium dark green, stout.

PODS-23/4 inches long, almost round, straight, blunt, with prolonged tip, medium green, 6 to 7 peas.

PEAS - Medium large, round, very good quality. Dry seed, medium sized, wrinkled and green.

SURPRISE

58

This well known and important canner variety is in the early sweet group with an Alaska type vine. It is particularly noted for its tender, sweet peas. Now available in either regular and wilt resistant strains.

VINE —28 inches tall, medium green, slender stem, of uniform maturity.

PODS-21/2 inches long, light green, blunt, plump, single, 6 to 8 peas per pod.

PEAS - Medium uniform size, light green, round, of fine quality. Dry seed, medium light green, small, wrinkled.

GARDEN PEAS—Continued



CREOLE PEAS ON COTTON STALKS-When planted about the time of cotton picking or in very early Spring they make a large tonnage of green vegetation to be turned under as a green manure crop after the pods have been gathered for table use.

Telegraph Code

Season. Days to Picking

THOMAS LAXTON (Dark Podded)

PATCH Unsurpassed as an early, high-quality, all-purpose variety. A large, attractive dark podded sort with qualities that fit it for home and market gardens, shipping and highly recommended for freezing preservation.

VINE —34 to 36 inches tall, dark green, vigorous plant and prolific.

PODS-31/2 inches long, single, uniform dark green, broad, plump, straight, blunt or square-ended, 7 to 8 peas.

PEAS —Almost round, appealing green color, tender, sweet, of high quality. Dry seed, wrinkled, cream and green in color.

WISCONSIN EARLY SWEET

PAVOR

58

58

An early canning variety. A slender vine type much on the order of Surprise. Resistant to wilt. Very desirable for a high quality early sweet pack.

VINE —26 inches tall, slender, medium dark green, very uniform.

PODS-21/2 inches long, straight, blunt, light green, plump, borne singly, develop uniformly, 6 to 8 peas per pod.

PEAS - Medium sized, uniform, light green, tender skin, of very fine flavor. Dry seed, medium size, finely wrinkled, round, and green.

WORLD'S RECORD

PYLON First early of the wrinkled peas. It holds its popularity with the home and market gardeners and early shippers because of its earliness and large, fine quality peas. VINE —24 to 30 inches tall, light green, medium straw, very rapid grower.

PODS—33/4 inches long, single, medium light green, rounded to point, 7 to 8 peas. PEAS - Large, light green, of very good quality and flavor. Dry seed, large, wrinkled, cream and green.

GARDEN PEAS—Continued

Tele-Season. graph Days to Code Picking

75

76

80

74

75

SECOND EARLY AND LATE VARIETIES

ADVANCER—See Perfection

ALDERMAN or Dark Podded Telephone PYREY Distinct in the large-podded sorts for its handsome dark green mammoth pods and high standard of quality. Belongs to the telephone class. Grown extensively by truckers and gardeners but particularly fine for shipping due to its long keeping in transit. Highly recommended for freezing preservation.

VINE —41/2 to 5 feet tall, dark green, coarse, hardy, prolific grower. PODS—41/2 to 51/2 inches long, single, broad, plump, well filled, dark green, pointed, straight, 8 to 10 peas.

PEAS —Large, dark green, tender, sweet, excellent flavor, of finest quality. Dry seed, squarish to flattened, wrinkled, light green in color.

BLISS EVERBEARING

PATEN A dependable, hardy, long-bearing pea that is grown principally in home and market gardens.

VINE $-2\frac{1}{2}$ feet tall, stout, vigorous, dark green, bears over long period.

PODS—3 inches long, paired, medium green, almost blunt, straight, well filled, 5 to 6

PEAS - Large, sweet, of good quality. Dry seed, large, flattened, wrinkled, green in color.

CHAMPION OF ENGLAND

An old, standard, prolific, late variety. Not equal in quality nor pod size to Alderman. VINE -41/2 to 5 feet tall, medium dark green, branched, and prolific.

PODS—3 inches long, light green, often paired, straight, plump, and blunt, 5 to 7 peas. PEAS —Medium, round, light green, good quality and flavor. Dry seed, large, oval, wrinkled, light green.

DWARF ALDERMAN PAONE 74

A very fine semi-tall, large, dark podded pea in the class of Dwarf Telephone. A splendid pea for gardeners and shippers. Resistant to Fusarium Wilt.

VINE —24 inches tall, sturdy, branching type; dark green and prolific.

PODS-41/2 inches long, large, broad, dark green, slightly curved and pointed; usually 9 peas per pod.

PEAS —Large, bright green, hold tenderness well, of fine sweet flavor. Seed, wrinkled, large and green.

DWARF TELEPHONE or Daisy PAUSE

An attractive, large-podded pea which is very satisfactory for home and market garden and shipping. Not necessary to have supports.

VINE —24 inches tall, branching, light green, hardy, vigorous grower.

PODS— $4\frac{1}{4}$ to $4\frac{1}{2}$ inches long, single, and occasionally paired, light green, broad, pointed, slightly curved, 7 to 9 peas.

PEAS - Large, almost round, green, sweet, of excellent quality. Dry seed, wrinkled, green in color.

PAFOL 70 GREEN ADMIRAL Primarily a canner variety which is also a fine sort for freezing preservation. A main

crop, wilt resistant pea that is very productive and dependable. VINE —36 inches tall, medium dark green, slender pods borne single and double.

PODS—23/4 inches long, medium green, blunt, straight and plump, 6 to 8 peas per pod, of uniform maturity.

PEAS - Medium size, round, uniform, medium green. Dry seed, small, round, wrinkled, bright green.

STRATAGEM, Improved Outstanding in the group of the large podded peas and a favorite in shipping districts. Of the Stratagem type, but highly developed and of the giant podded, uniform, early type desired by shippers and freezers.

VINE —24 inches tall, dark green, prolific grower.

PODS—5 to 51/2 inches long, develops to be extremely large, broad and attractive. Dark green, slightly curved, pointed; 8 to 10 peas per pod.

PEAS -Large, tender, and most appealing. Seed, large, wrinkled, green.

GARDEN PEAS—Continued Tele-Season. graph Days to Code Picking PABIT 70 PERFECTION A leading canning variety. Noted for its productiveness and development of its crop at one time. Resistant to fusarium wilt. Our pedigree strain is unusually outstanding for its uniformity of pod, vines, and maturity. VINE-30 inches tall, medium green, sturdy, vigorous grower even under adverse conditions. PODS-31/2 inches long, paired, medium green, almost blunt, plump, straight, 7 to 8 peas. PEAS — Medium size, medium green, very uniform. Dry seed, uniformly medium green, wrinkled. 74 PRINCE OF WALES Principally used as a canning variety. Particularly desirable where a large sized pea is wanted and it makes a fine product. Wilt resistant and our strain has been selected to a more uniform, early period of maturity. VINE —38 to 40 inches tall, heavy, coarse stem and foliage, medium green, vigorous grower. PODS—31/2 inches long, medium light green, paired, straight, plump, broad and blunt, 5 to 6 peas per pod. PEAS — Large, medium green, high quality. Dry seed, cream and green, large oval and wrinkled. **PROFUSION** 78 PADCE An important canning variety in the large sized pea group. Peas slightly larger than Prince of Wales and later in season. Wilt resistant and a dependable cropper. VINE —40 to 42 inches tall, medium dark green, heavy stout stem, and medium coarse foliage, a good producer. PODS—31/2 inches long, light green, broad, plump, straight, blunt, single and paired, 6 peas per pod. PEAS —Large, oval, medium green, sweet and of good quality. Dry seed, large, oval, cream and green, coarsely wrinkled. TELEPHONE or Alderman 75 The most widely known pea. One of the best of the late, large-podded types. Unexcelled in quality. Identical to Alderman. Splendid for home and truck gardeners and shippers. VINE $\frac{-4}{2}$ to 5 feet tall, dark green, coarse, hardy, prolific grower. PODS— $\frac{4}{2}$ to $\frac{5}{2}$ inches long, single, broad, plump, dark green, pointed, straight, 8 to 10 peas. PEAS —Large, dark green, tender, sweet, excellent flavored, of finest quality. Dry seed, squarish to flattened, wrinkled, light green in color. 82 WHITE MARROWFAT (Large) PEACE Grown as a late home garden variety but principally used in dry state for soup purposes. VINE-41/2 to 5 feet tall, very hardy, light green, prolific, vigorous grower. PODS—3 to 3½ inches long, single, light green, plump, straight, and blunt, 5 to 6 peas. PEAS —Large, round, marrow flavored. Dry seed, large, smooth, round, creamy white color with vellow interior. EDIBLE PODDED VARIETIES Pisum sativum-var. macrocarpon DWARF GRAY SUGAR (Edible Pods) **PATSY** 66 A home garden variety that produces edible pods. Resistant to Fusarium Wilt. VINE —24 to 30 inches tall, hardy, prolific, slender, purple blossoms. PODS— $2\frac{1}{2}$ to 3 inches long, paired, light green, curved, almost blunt, fairly plump, and fleshy. They may be eaten when young much the same as snap beans. PEAS —Dry seed, small, smooth, round, and mottled reddish gray in color. MAMMOTH or Tall Melting Sugar (Edible Pods) PEAKY 72 The leading variety of the edible pod class for home and market garden use. It is considered superior because of its high quality. Resistant to Fusarium Wilt. VINE -41/2 feet tall, light green, very hardy.

PODS-4 to 41/4 inches long, single, brittle, tender, fleshy, stringless, fiberless, and of

fine quality.

PEAS - Dry seed, large, round, smooth, creamy white.

TABLE FIELD PEAS

Vigna sinensis

Tele- Season, graph Days to Code Picking

Table peas in this group make a fine edible product when properly cooked and seasoned. When the dry peas are saved for later use they should be carefully fumigated and stored in a dry, cool, clean place to prevent weevil from developing and from reinfesting the seed or they will be very quickly ruined for edible purposes.

BLACK EYE, LARGE PEFOR

A well known variety throughout the Southern and Southwestern states. A main crop sort which is very productive. The common variety has a long runner type vine which matures pods over a rather long period and not as concentrated at crown as does the newer shorter runner type developed by the University of California which is designated as the Dwarf California Blackeye. Dry seed white with black eye and popular for edible purposes.

DWARF CALIFORNIA BLACKEYE No. 5

PEFIF

The No. 5 is the newer improved selection made by Prof. W. W. Mackie from the original Dwarf or half runner line No. 8145. Has concentrated pod set at crown, holds pods more erect, has large seed and is resistant to charcoal rot, cowpea wilt and nemmatodes. Normally much more productive than the old type Black Eye, besides the other advantages mentioned. Dry seed white with black eye and popular for edible purposes.

BROWN SUGAR CROWDER

PEPIT

The most popular edible podded Sugar Crowder Pea. A fine green shelled pea for both commercial and home canning in the South. A vining type producing long round pods, medium green colored. Dry seed buff-brown with darker brown eyes. A good dry edible pea.

WHITE SUGAR CROWDER

PEOIR

A similar type pea as Brown Sugar Crowder suitable for the same uses. Desirable for its whitish cream color seed which has a light brown eye. Increasing in popularity and as larger supplies of seed are available it may be expected to be used in large quantities.

WHITE LADY PEAIT

Well known to the Southern trade. A prolific type producing rounded pods with many small light green peas. Vine dark green, husky, and stands about 24 inches tall. In the dry seed stage the peas of the true White Lady are very small, smooth, almost round and entirely ivory white.

PEPPER

Capsicum frutescens
PUNGENT OR "HOT" VARIETIES

Telegraph Code Plants Set to Marketable Fruits

60

Season.

Days

ANAHEIM CHILE

PRESA

Desirable for the home and market garden and used in the commercial field for canning and drying. Quite popular in the South and California.

PLANT—20 to 24 inches in height, hardy, vigorous, upright, fairly large leaves, heavily

productive.

FRUIT —6 to 8 inches long, 11/2 inches in diameter at the shoulder, tapering to point, nearly straight; flesh, thicker than average of this group, mildly pungent; deep green, turning to rich scarlet at maturity. A very attractive pepper.

HUNGARIAN WAX (Slim)

PECAN

An important canning variety; very desirable for market gardeners. First early in season. PLANT—12 to 15 inches in height, very hardy, and prolific, bearing fruit both upright and pendant.

FRUIT —51/2 to 61/2 inches long, 11/2 inches in diameter, tapered, smooth; flesh, fairly thick and pungent; color, waxy yellow becoming bright red at maturity.



BANANA, SWEET YELLOW-A new introduction for the home and market garden.

Days
Plants
Set to
Tele- Marketgraph able
Code Fruits

Season.

70

LONG RED CAYENNE (Slim)

Code

range;

A leading variety for canning, drying, and pickling. Adapted to a wide growing range; a common item in home gardens all over the country. Our strain is the original slim type.

PLANT—24 to 30 inches tall, erect, upright, vigorous, and unusually productive.
FRUIT—4½ to 5 inches in length, ½ inch in diameter at shoulder, tapered to point, thin, slender, and twisted; very "hot" or pungent; color, deep green, changing to brilliant red.

RED CHILE PERES 84

A really hot variety. Used extensively for pepper sauces, pickling, and drying.

PLANT—18 inches tall, bushy, bearing upright fruits, exceptionally heavy producer.

FRUIT—2 to 2½ inches long, 3% inch in diameter at shoulder, tapered to point; flesh, thin and very pungent; color, light green, turning to deep red.

TOBASCO PERRO 90

Very small fruited type bearing fruit numerously in an upright position. Like Red Chili it is an extremely pungent pepper. A very decorative appearing plant as the many small fruit become scarlet at maturity.

PLANT—20 inches tall, bushy, vigorous and unbelievably productive.

FRUIT—I inch long, slender and tapered to point, green in color, turning to scarlet at maturity.

Days Plants Set to Tele-Marketable graph Fruits Code

Season.

74

80

66

75

SWEET VARIETIES

BANANA (Sweet Yellow)

PEWON We introduce this splendid new pepper which is being highly praised. On our St. Louis breeding farm fruits have developed as early as fifty days from setting in the field; unbelievably productive. It is sweet, of banana shape and color and is excellent for the home and market garden. All America Selection B. M. 1941.

PLANT-20 to 24 inches tall; upright, dark green, very vigorous, heavy foliage of large

leaves.

FRUIT $-6/_2$ to $7/_2$ inches long; $1/_2$ inches in diameter, tapered to point with very slight curve; sweet, medium flesh wall, light yellow, turning to bright red at maturity.

CALIFORNIA WONDER

Considered as the standard of perfection among the sweet peppers. Its excellence as a home and market garden and shipping type, gives due cause for its importance and widespread use.

PLANT-24 to 30 inches in height, upright, vigorous, and heavily productive over a

long season.

FRUIT —41/2 inches long, 31/2 to 4 inches across, chunky, mostly 4-lobed, borne upright; flesh, thickest of all varieties, tender, with mild sweet flavor; very handsome, smooth, glossy deep green changing to a brilliant crimson upon ripening.

CALWONDER, EARLY

Not only is this relatively new pepper a valuable addition to the pepper family for its earliness but also for its productiveness under less favorable conditions where regular California Wonder does not thrive so well. A fine shipping sort and garden

PLANT—Smaller but similar California Wonder type, sturdy, vigorous, and prolific. FRUIT —4 inches long and 31/2 inches in diameter, 3 and 4-lobed, very uniform, thick flesh wall, sweet and mild like regular California Wonder. Turns to bright crimson at maturity.

CHINESE GIANT

PENNY The giant of the peppers. Its monstrous attractive size and sweet mild flavor have made it an old standby for the home and market gardeners.

PLANT—24 inches tall, stocky, vigorous, and productive.
FRUIT—5 inches long and 41/2 inches in diameter; flesh, thick, tender, crisp, sweet mild flavor; beautiful, showy specimen, chunky, smooth but crumpled at blossom end; bright green, changing to deep scarlet at maturity.

CORNELI'S SPECIAL

PRONE Our early highly developed special pepper has proved most valuable to home and truck gardeners and shippers. Noted for its productivity and uniformity and becoming popular with Southern shippers.

PLANT-24 to 30 inches tall, vigorous, compact, erect, with heavy protective foliage. FRUIT -41/2 inches long and 31/2 inches in diameter, slightly tapered, 3 and 4 lobed, flesh, thick, tender, delicate mild flavor; color, deep rich green, changing to brilliant red upon ripening.

FLORIDA GIANT

A selection of California Wonder adapted to the South and particularly well liked in Florida. A hardy vigorous type with large protective leaves.

PLANT—About 30 inches tall, heavy and sturdy sort; bearing upright fruits.

FRUIT — Like California Wonder except slightly larger.

GOLDEN QUEEN

75 PRERA

A large, yellow-fruited variety of fine quality which is a novelty for the home garden and possesses fine edible qualities.

PLANT-24 inches tall and a heavy bearer over quite a long period.

FRUIT—31/2 inches long, and 3 inches in diameter, 3 and 4 lobed, blunt nose; flesh, mild sweet flavor; green when young, changing to rich golden yellow at maturity.



CORNELI'S SPECIAL-Gaining favor with large shippers.

Season. Tele- Days graph Plants to Code Fruits

KING OF THE NORTH

PREOP 68

A recent development of the Ruby King type except slightly earlier and adapted to a wider range. Highly recommended for its fine, uniform, large fruits and a fine pepper for the market and home garden.

PLANT-28 inches tall, similar to Ruby King, vigorous and prolific.

FRUIT—3 and 4 lobed, 5 inches long and 3 inches in diameter, sweet dark green, turning to rich red when ripe.

HARRIS' EARLY GIANT

PRENA

One of the earliest large-fruited sweet peppers. Excellent for home and market garden. PLANT—18 to 24 inches tall, upright, vigorous, and famous for its high productiveness. FRUIT—41/2 inches long and 31/2 inches in diameter, slightly tapered, 3-lobed; flesh, thick, tender, mild, pleasant flavor; color deep green, changing to brilliant red.

LARGE BELL or Bull Nose

PERDU

U 68

63

The oldest standard type and most widely known of the Bell group. A reliable sort for the home and market garden. Our strain is entirely sweet fruited.

PLANT-24 to 30 inches tall, erect, very prolific.

FRUIT —4 to 41/2 inches long and 3 to 31/2 inches in diameter, squarish in shape; flesh, thick, sweet, mild flavor; color, deep green, becoming scarlet upon maturity.

NEAPOLITAN

PERIT

IT 62

Popular in some sections. An early sort which bears a distinct type fruit and is very prolific.

PLANT—24 inches tall, rather open, fruit borne upright, and a dependable cropper.

FRUIT—4 inches long and 2 inches in diameter, mild and sweet, pointed with 3 and sometimes 2 lobes. Yellowish green, turning to bright scarlet at maturity.

Season. Telegraph Plants to Code Fruits

PIMIENTO or Perfection

PROOF 72

By far the leading canning variety. A standard sort for the home and market garden, as its superb qualities make it excellent for stuffing and salads.

PLANT-30 inches tall, outstanding for its productiveness, upright, dark green foliage. FRUIT —3½ inches long and 2½ inches in diameter, pendent, smooth, tapering in heart shape; flesh, thick, of unusually sweet, mild flavor; color, rich green, turning to bright crimson.

RUBY KING PERKY 70

An outstanding sweet pepper that has won a widespread reputation in the home and market garden and as a shipper. It produces far more uniform-sized fruits than the average variety in its class.

PLANT-30 inches tall, upright, vigorous, sturdy, and compact.

FRUIT $-4\frac{1}{2}$ to 5 inches long and 3 inches in diameter, slightly tapered, 3-lobed; flesh, thick and of mild, sweet flavor; color, deep green, turning bright ruby red at maturity.

SUNNYBROOK or Tomato or Squash

PRIAM 72

Odd type pepper, tomato shaped, serves as a novelty in the garden and used for canning and pickling.

PLANT—30 inches tall, erect, and fairly productive.

FRUIT -21/2 inches long and 3 inches in diameter, tomato shaped and upright; flesh, thick, sweet, and mild flavored; color, glossy green, changing to deep red at maturity.

WINDSOR A **PROPE** A٨

A development by the Conn. Agr. Exp. Station. A very desirable early sort for sections with short growing season. All America Selection S. M. 1937.

PLANT-20 to 24 inches tall, very productive, sturdy and upright.

FRUIT $-4\frac{1}{2}$ inches long, $2\frac{1}{2}$ inches across at shoulder, pendent; tapered to point with slight lobed creasing, giving a smooth thick fleshed, distinctly charactered fruit. Sweet flavored, medium green, turning to red at maturity.

WONDER GIANT PROON 74

Our elite strain and highly improved pure lined pepper of the Florida Giant type. Selected to rigid uniformity and is excellent for the large shipper or market gardener who requires the very best for packing.

PLANT-28 inches tall, upright, vigorous, clean growth, and heavily productive with abundant foliage.

FRUIT —41/2 inches long and 33/4 inches across, mostly 4-lobed, borne upright; flesh is sweet and very thick, making solid fruits which are deep glossy green.

WORLD BEATER or Ruby Giant

PRUDE 70

One of our most valuable standard varieties, somewhat on the Ruby King type, except the fruit is a little larger. A fine early market garden variety and holds up wonderfully well as a shipper. Widely used in the South.

PLANT—30 inches tall, upright, vigorous, and highly prolific.

FRUIT—5 inches long and 31/2 inches in diameter, smooth, mostly 4-lobed; flesh, thick, firm, pleasant, mild, sweet flavor; color, rich glossy green, changing to deep bright red at maturity.

WORLD BEATER N. J. No. 13

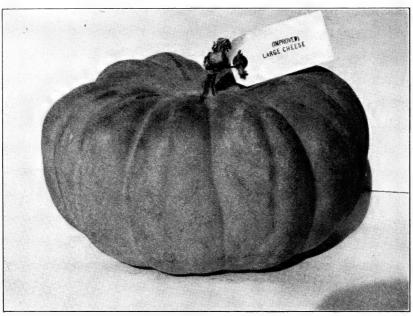
72 PRUPP

A new introduction by the New Jersey Experiment Station. Mosaic resistant and a most welcome achievement. A fine pepper making a good, clean, vigorous growth, producing abundantly. It may be expected to become a good shipping and garden variety.

PLANT—26 inches tall, upright, uniform, productive, good protecting foliage. FRUIT -Similar World Beater, smooth and well shaped, sweet, thick flesh wall.

PUMPKIN

Cucurbita moschata



LARGE CHEESE-Distinctly improved.

Season Days Planted to Maturity

120

115

115

112

Tele-

graph

Code

PSHAW

CONNECTICUT FIELD or Big Tom C. pepo

PSALM A standard field variety. Commonly grown for pies, canning, and feeding to stock.

Heavy producer.

FRUIT — Average about 12 inches long, 14 inches in diameter; weighs around 20 pounds; round and flattened on the ends, with smooth, hard, somewhat grooved surface; orange-yellow in color.

FLESH—Thick, coarse, dry, sweet, and orange-yellow in color.

CUSHAW CROOKNECK GOLDEN

PYTHA Also known as Golden Winter Crookneck squash. A large type used for baking, boiling, canning, and for pies. Usually grown in corn fields. Produces a large number of fruits per vine.

FRUIT—20 inches long, 9 inches in diameter; weighs 12 pounds; golden yellow in color; complete crooked neck which is long and slender; blossom end enlarged and contains the seeds; shell, smooth and hard at maturity.

FLESH-Medium thick, rich yellow, dry, and sweet.

CUSHAW CROOKNECK (Green Striped)

An old favorite which is widely grown for stock feed, but sometimes used by canners. Makes good pies. Like the rest of the cushaws, it is exceedingly prolific.

FRUIT —20 inches long and 9 inches in diameter; weighs around 12 pounds; skin

smooth and white, with mottled green stripes; shell, hard at maturity; neck curved, but not as much as the Golden Cushaw.

FLESH-Yellow, thick, solid, and fairly fine grained.

CUSHAW CROOKNECK (White) or Jonathan

Similar to the Green Striped in type and usefulness, except neck is shorter and a little better for storage because it is harder.

FRUIT-18 inches long and 8 inches in diameter; weighs around 10 pounds; skin, creamy white; rind, hard.

FLESH—Thick, solid, fine grained, and of fine quality.

PUMPKIN—Continued

Days Tele-Planted graph to Code Maturity

Season.

115

EARLY SUGAR or New England Pie C. pepo

PUFFY The best pumpkin for home and market garden and shipping. Excellent for canning and pies. A profitable sort, as it is prolific, a good keeper, and the finest quality of them all. FRUIT -8 inches deep and 10 inches in diameter; weighs around 6 pounds; round, but flattened at the ends; slightly grooved; shell, hard; very dark orange.

FLESH-Thick, fine textured, dry, orange-yellow, sweetly flavored, of excellent quality. JAPANESE PIE

PULPY 115 Similar in shape to the cushaw pumpkins. Popular as an early type for canning, but also grown a great deal for stock feed. Seed irregularly marked.

FRUIT—12 inches long and 8 inches in diameter; weighs around 12 pounds; enlarged on blossom end, where seeds are borne; dark green with lighter green stripes.

FLESH-Yellowish orange, fine grained, of good flavor and quality.

KENTUCKY FIELD 120 Most commonly known and widely grown for canning and stock feed. A hardy grower,

heavily productive and a good keeper. FRUIT —Variable in size and shape, generally deeper than wide, flattened at both ends,

and distinctly grooved; weighs from 10 to 25 pounds; skin, smooth, yellowish orange color; shell, hard.

FLESH-Yellow, of good texture and flavor.

KING OF THE MAMMOTH or Potiron C. maxima 120 This giant-fruited variety is noted for being the largest of all pumpkins or squashes. It makes an interesting specimen for show purposes and is particularly valuable for stock

feed. FRUIT -20 inches long and 24 inches in diameter; weighs up to 100 pounds, but ordinarily about 60 pounds; flattened in shape, slightly grooved; shell, hard; skin, yellow, mottled with orange.

FLESH-Deep yellow, thick, hard, coarse, of good quality.

LARGE CHEESE 110

An old, popular variety, deriving its name from the cheese box shape of its fruits. A splendid sort for home and market use, as well as canning. A good yielder and excellent keeper. Our selected strain has decidedly superior deeper colored, sweeter, and higher quality flesh.

FRUIT —7 inches deep and 15 inches in diameter, sometimes larger; usually weighs 12 to 15 pounds; very flattened in shape, slightly grooved; shell, hard; skin, deep yellow color.

FLESH—Rich orange yellow, of excellent quality and fine flavor, and much thicker than the old strains.

TENNESSEE SWEET POTATO 110

Being an early variety of good quality and long use, it has become popular in the home and market gardens for pie making. It is a good keeper.

FRUIT —14 inches long and 9 inches in diameter, pear shaped; weighs about 15 pounds; FLESH—Cream colored, very thick, fine grained, and sweet.

RADISH

Rhaphanus sativus

Days to Tele-Marketable graph Code

Season.

32

We test hundreds of varieties and strains of radishes on our trial and breeding farm each year. By these careful observations we are in a position to know that our Keystone Radish Seeds, carefully bred and grown by our own staff, are the very finest and best adapted for the purpose for which intended.

Note our shipping strains described immediately following the standard varieties.

CHARTIER LONG ROSE, WHITE TIP

An admirable summer radish which is very attractive in appearance. A dependable, outdoor sort.

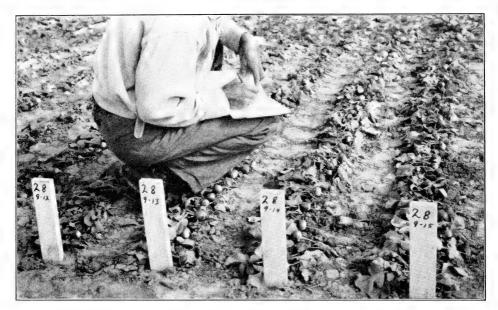
SHAPE — 7 to 8 inches long, slender; white flesh, tender, brittle, fine-grained; a very pleasing pungent taste.

COLOR—Bright rose, shading to a white tip. CRIMSON GIANT

28 A handsome variety that is increasing in popularity among home gardeners and truckers. It is noted for its large size and ability to hold its crisp and tender stage over a long

SHAPE — Large, up to 11/2-inch diameter, globular to round, firm, crisp, excellent flavor.

COLOR-Attractive deep crimson.



Taking notes on strains of Sparkler White Tip-Keystone Valley Farm, St. Louis, Mo.

Season. Days to Marketable

Telearaph Code Roots

EARLY LONG SCARLET, SHORT TOP

RADIX

27

Standard long sort, known as one of the best for home and market gardens. SHAPE -5 inches long, exceptionally rapid grower, tapering; smooth, white, crisp flesh.

COLOR-Rich dark scarlet.

EARLY SCARLET TURNIP

RAGED

25

25

22

Splendid early variety for forcing or for early market by field culture. SHAPE —Round, turnip-shaped, rapid grower, short tops, uniform, fine-textured flesh,

of good flavor. COLOR - Dark scarlet red.

EARLY SCARLET TURNIP, WHITE TIP

RAINY

An unusually attractive variety with merits that make it a fine sort for home and market gardeners and truckers. The Sparkler strain of this White Tip is now principally used. SHAPE —Almost round, slender tap root, clear white flesh, tender, brittle, and mild flavor.

COLOR — Tempting in appearance. Crimson, with a distinct and clear white area about the tip.

EARLY SCARLET GLOBE

This variety represents the very best of quality among the globe-shaped sorts. Standard in every garden and market and fine for forcing under glass. Tops medium and first early in season. Sometimes called Cherry Red.

SHAPE —Olive, smooth, thin tap root, white flesh, tender, juicy and most tempting in appearance.

COLOR - Entirely bright scarlet.

Note: See shipping strains described immediately following regular varieties.

FRENCH BREAKFAST

RAMEE

24

Valuable as a standard home and market gardening and forcing sort. A very quick growing, attractive root.

SHAPE —Oblong, blunt, slender tap root, smooth, tops small; flesh, white, tender. COLOR—Beautiful rose-scarlet with white tip. A very appealing radish.

Telegraph Code

Season. Days to Marketable Roots

27

26

28

21

25

ICICLE RANCH The most popular and earliest long, pure white radish. Our loicle strain is well known

for its high standard of quality. Standard in home and market gardens and may be used for forcing. Tops are quite small. We recommend our lcicle as superior for Lady Finger and White Vienna.

SHAPE —5 to 6 inches long, slender, smooth, tapering at tip; especially tender and brittle, with splendid mild flavor.

COLOR-Snow white throughout.

LONG BRIGHTEST SCARLET or Cardinal

RANGE

The best long red shipping and market sort. Our strain is known for its beautiful vivid scarlet color and its earliness.

SHAPE —41/2 to 5 inches long, straight, slender, smooth, no side roots, uniform: holds crisp and tender stage.

COLOR -Bright scarlet with white tap root.

PHILADELPHIA WHITE BOX

RATTY

A medium early sort, used as either an outdoor or forcing type. SHAPE -Large, round to slightly top shape, fine textured, tender, of good quality.

COLOR-Entirely white. SAXA

RAVEL

Early forcing variety. Particularly desirable as it holds its marketable stage well under greenhouse and forcing conditions; very small tops. Also a good outdoor market radish.

SHAPE —Uniformily round, small, smooth, tender tap root; flesh, white, crisp, of good quality.

COLOR - Entirely a deep scarlet.

SCARLET BALL

23

This new radish is rapidly becoming important for the home and market gardener, and shipper. It is well liked as a forcer.

Note: See complete description under "shipping strains".

SPARKLER WHITE TIP or Perfection

RAZOR

A very popular variety in home and market gardens that is somewhat similar to Scarlet Turnip White Tip except that the Sparkler has a larger white area on the roots. Tops are small. The demand for this Sparkler strain is far greater than for the early Scarlet

Turnip White Tip. SHAPE —Round, smooth, of particularly fine quality, white brittle flesh. Small tap root. COLOR — Upper portion deep scarlet and lower one-third distinctly defined clear white.



SPARKLER WHITE TIP-Standard in the home and market garden.

Season. Days to Tele-Marketable graph Code Roots 40 READY

40

ST. LOUIS WHITE SUMMER

A very desirable radish, similar to Strassburg. Holds its firm, crisp stage through the hot summer weather.

SHAPE —5 to 6 inches long; flesh, white and crisp; a rather mild, pungent flavor.

COLOR - Entirely white.

STRASSBURG WHITE SUMMER

REALM An excellent, well-known summer radish that is so adapted to growing in hot weather that it retains its mild pungent flavor and crisp qualities over a long period. Considered as the standard summer radish for home and market gardens.

SHAPE —5 inches long, broad shoulder which tapers away, smooth; of fine-textured, firm, crisp flesh.

COLOR - Entirely white.

YELLOW SUMMER TURNIP or Globe

REBEL 38

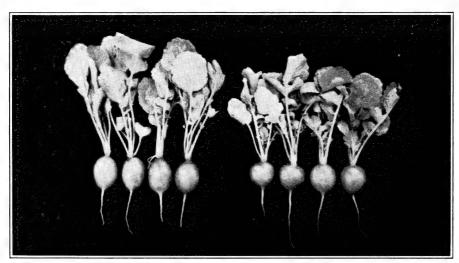
A novel, summer variety that is well adapted to hot weather conditions.

SHAPE —Large, round, nice appearing, crisp; holds market conditions for long time during hot weather.

COLOR - Entirely yellow.

RADISH-SHIPPING STRÁINS

The most critical shippers recognize our Keystone strains by their uniformity and trueness to type. These special stocks are produced from stock seeds grown from carefully selected and transplanted roots with specific attention paid to earliness, correctness of root color, top length, and carrying qualities.



VICKS SEARLET GLOBE Medium Top

EARLY SCARLET GLOBE Special Short Top

EARLY SCARLET GLOBE SPECIAL (Short Top)

This special strain has shorter tops than Vick's Scarlet Globe and is recommended for shippers who desire a little less top growth than obtained with other strains. Excellent for its uniformity and attractiveness. A fine stock for forcing.

SHAPE —Globe, exceptionally uniform, smooth, and perfectly shaped with a very tender, fine grained flesh of excellent quality.

COLOR—Entirely bright scarlet.

VICK'S SCARLET GLOBE (Medium Top)

RALLY

22

22

This important strain is a big favorite with large shippers. Its refined medium length top is most desirable, especially for cool season growing, and makes an ideal bunch for packing. We recommend it most highly.

SHAPE —Perfected olive shape, remarkably uniform and true to type; smooth and has excellent crisp, white flesh with truly fine quality.

COLOR - Entirely brilliant scarlet.

Telegraph Code

Days to Marketable Roots

Season.

SCARLET BALL (Medium Top)

23

As described previously with the regular varieties this new radish has many fine shipping qualities. Although of medium length tops they are slightly heavier stemmed than the Scarlet Globe strains. Stands unusually long before becoming pithy. It is steadily winning favor.

SHAPE —Uniformly full oval, smooth, white, tender flesh of crisp mild delicate flavor. COLOR-Rich scarlet; very attractive.

RADISH-WINTER VARIETIES

CALIFORNIA WHITE MAMMOTH

REBUT 58

A fine, late, fall variety; a decidedly heavy favorite among gardeners for summer and fall market. The largest of the American varieties.

SHAPE —7 to 8 inches long, 2 to 3 inches in diameter, tops large, solid white flesh. mildly pungent.

COLOR -Entirely pure white.

LONG BLACK SPANISH

REEVE

55

Desirable for a winter radish as it is a splendid keeper. SHAPE —8 to 9 inches long, 21/2 inches in diameter, rather rough skin, somewhat tapering; flesh, white, crisp, solid, and pungent.

COLOR—Entirely purplish black.

ROUND BLACK SPANISH

REFIT

55

Another excellent keeping radish but with large round roots. Frequently sliced and served with beer.

SHAPE —Globular to round, 31/2 to 4 inches in diameter; flesh, white, solid, crisp, and pungent flavor.

COLOR - Entirely black.

CHINESE ROSE WINTER or Scarlet China

REGAL

50

The most popular winter variety. A very handsome and dependable radish, easy to grow, and excellent for bunching or winter storage.

SHAPE —6 to 7 inches long, 2 inches at shoulder and becoming larger at the base, blunt, smooth; flesh, white, crisp, and pungent.

COLOR-Deep rose.

RHUBARB

Rheum Rhaponticum

VICTORIA

REINS

The standard main crop variety. This is an exceptionally fine type, producing a great many long, thick, tender stalks, crimson in color, shading to green, of a delicious pleasant, tart flavor.

SALSIFY

Tragopogon porrifolius

MAMMOTH SANDWICH ISLAND

SCULE

The best vegetable oyster. It produces large, vigorous growing, uniform, smooth, high quality, creamy white roots. This is the standard variety for the home and market gardeners, and shippers. A good winter keeper.

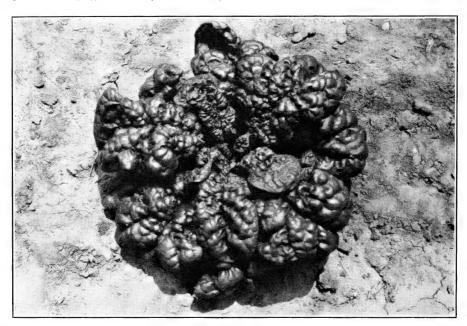
SPINACH

Spinacia oleracea-var. inermis

There are few kinds of seeds produced that require as much care in the production and maintenance of the various strains as does Spinach. Even the location of the seed growing area must be carefully chosen for reason of influencing the true characteristics of strains.

Our strains are all carefully selected and trial ground tested. Spinach is another of our specialties and we solicit any inquiries for information or suggestions for varieties to use, or cultural practices. For those interested in the freezing preservation of Spinach, it may be covered generally by

saying that all curly types are adapted and many of the smoother leaved sorts.



BLOOMSDALE RESELECTED-An excellent strain.

Season. Tele-Days graph Sowing to Code Cutting

SABAT

45

BLOOMSDALE SAVOY RESELECTED (Round Seeded)

The leading spinach. Used in tremendous volume. Early, and one of the most valuable for home and market gardeners, shippers, and canners. Recommended for fall and spring planting.

PLANTS—Vigorous, rapid grower, upright, compact, and very hardy. Leaves hold up well off of soil.

LEAVES-Medium large, beautifully savoyed and crumpled, rounded, very thick, rich deep glossy green, of excellent quality.

BLOOMSDALE DARK GREEN No. 5 (Round Seeded)

Similar to Bloomsdale Reselected except darker green in color and therefore used by many canners and shippers as it holds a fresher appearing green color after processing and shipping. One day later in season than Reselected. Ours is a very select strain and the best we have ever seen. All America Selection B. M. 1937.

BLOOMSDALE, BLIGHT RESISTANT—See description under Virginia Savoy.

BLOOMSDALE LONG STANDING (Round Seeded)

A decided improvement over the old Bloomsdale Savoy for late spring or summer crop. A few days later, but will stand from 10 to 14 days longer without bolting seeders. Summer Savoy is a long standing type selected from this variety and similar.

PLANTS—Very attractive, vigorous grower, quite compact, erect, and thrifty. LEAVES—Medium large, heavily savoyed and crumpled, rounded tip, very thick and tender, rich deep glossy green, of excellent quality.

SPINACH—Continued

Telegraph Code

Sowina to Cuttina

45

43

CORNELI'S GIANT (Prickley Seeded)

SAYOR

New and the heaviest yielding spinach in comparative tests. Longer standing than other prickly seeded smooth leaved sorts. A splendid canner variety and processes with very appealing attractive green color. Fine for fall planting to stand over winter. PLANTS—Very large, rather open but not flat. A hardy, vigorous type.

LEAVES-Large, broad, arrow shaped, improved in appearance; fine quality, thick, and more attractive; darker green than most prickly seeded sorts.

GIANT NOBEL or Giant Thick Leaved (Round Seeded)

SABOR

Outstanding variety of the giant thick leaf group. Early in season, coming into marketable stage between the Bloomsdale Savoy and the Long Standing. A fine variety for both market gardeners and canning. Slow to bolt seeders. Gaudry, Giant Fillbasket and Northland are very similar. All America Selection S. M. 1933.

PLANTS—Large and spreading, hardy, rapid grower, an exceptionally heavy yielder. LEAVES—Very large, broad, rounded, arrow shaped with rounded tip, firm, tender, thick, curled in early stages, smooth and slightly crumpled at maturity, rich bright green in color, of excellent quality.

KING OF DENMARK (Round Seeded)

SPACE 46

Noted for its long-standing ability and resistance to heat. Commonly holds its marketable stage a week or more longer than other varieties of spinach without bolting.

PLANTS—Large, open growth with rather long petioles, extremely hardy, vigorous grower.

LEAVES—Medium large, tapered to narrow rounded point, coarsely crumpled, firm, tender, thick, dull dark green.

NEW ZEALAND Tetrogonia expansa

65

A distinct sort that is not a true spinach. It will thrive on poor soil or in extreme hot weather conditions which are not suitable for ordinary spinach. It is a continuous producer of greens, by replacing removed leaves with new growth. Difficult to germinate except under soil conditions.

PLANTS—Large, hardy, spreading, but tall, bushlike plants which produce fine green

shoots; should be planted in 3-foot rows.

LEAVES—Small, thick, fleshy, broad, pointed, deep green; of very fine flavor when cooked.



STRAINS OF GIANT NOBEL-Keystone Trial Grounds, St. Louis, Mo.

SPINACH—Continued

Season.
Days
Telegraph to
Code Cutting
SPADE 41

45

45

35

45

OLD DOMINION, BLIGHT RESISTANT (Round Seeded)

An introduction by the Virginia Experiment Station, resistant to mosaic and **a** good shipper. Possesses fairly long-standing period before seeding. Recommended as a late fall planting variety for a spring crop.

PLANTS—Similar to Bloomsdale, except slightly smoother in appearance, and a little flatter spreading growth.

LEAVES — Likened to Bloomsdale, except slightly less blistered or savoyed, and somewhat more pointed.

HOLLANDIA or Prickly Winter (Prickly Seeded)

A rather long-standing variety that is a valuable over-wintering type and used by canners. The Hollandia strain is similar but more desirable and considerably improved over the old prickly winter type.

PLANTS—Medium large, hardy, vigorous, rapid grower, rather open in habit.

LEAVES—Large, broad, tapered arrow shape, smooth, thick, firm, and bright medium green in color, of good quality.

VIKING or Heavy Pack (Round Seeded)

SPANG

VIKING or Heavy Pack (Round Seeded)

A recent introduction rapidly growing in popularity with canners and market gardeners.

Similar to "Heavy Pack" strain, an unusually heavy productive sort. All America Selection S. M. 1935.

PLANTS—Hardy, vigorous grower, compact, somewhat upright. General type and large appearance between King of Denmark and Giant Nobel.

LEAVES—Very large, broad arrow shaped with rounded tip, firm, tender, juicy, semi-savoyed, rich dark green, of excellent quality.

VIRGINIA SAVOY or Bloomsdale Blight Resistant (Round Seeded)

Developed by the Virginia Truck Experiment Station for blight (mosaic) resistance. Very valuable for fall planting when blight is most severe and being the fastest growing curled type it is up and matures a crop in the fall where other varieties fail. Resembles Bloomsdale Savoy but in spring bolts to seeders quickly and must be harvested when first ready.

PLANTS—Exceptionally rapid grower, and very thrifty.

LEAVES—Similar to Bloomsdale but not quite so intensely curled.

VIROFLAY or Monstrous Viroflay (Round Seede'd)

A very suitable, large type, medium early, smooth-leaved spinach for canners. This variety cannot be classed with the long-standing sorts, but holds up well for canners' purposes.

PLANTS-Very large, hardy, vigorous, moderately upright growth.

LEAVES—Very large, broad, rounded arrow shape, fairly smooth, with slight crumpling, bright green, of good quality.



STRAINS OF VIROFLAY-Keystone Trial Grounds, St. Louis, Mo.

SQUASH

Cucurbita pepo

Our strains of squash are maintained to their true characteristics by a continual program of pure lining and increasing these pure lines in isolated plots to quantities large enough to produce our seed fields. For this reason our stocks are second to none and outstanding for their uniformity.



EARLY	SUMMER	CROOKNECK,	YELLOW—A	most	popular	squash.

Days Planted Telegraph to Maturity Code 60

Season.

52

50

SUMMER VARIETIES

COCOZELLE or Italian Vegetable Marrow SALMI A bush type summer squash becoming a favorite among a large number of growers.

Delicious when eaten in immature stage. FRUIT—16 inches long and 4 inches in diameter; weighs around 4 pounds at edible stage; dark green when immature, changing to alternate stripes of dark green

and yellow at maturity; shape, cylindrical and straight, with smooth surface. FLESH—Greenish white and of fine, delicious flavor.

EARLY WHITE BUSH SCALLOP or Patty Pan 52 SALON The leading white summer squash. It is early in season and proves a desirable sort for the home and market gardener and shipper. Fruit used when immature.

FRUIT—3 inches deep and 8 inches in diameter; weighs 21/2 pounds; general shape is round with scalloped edges, flattened, and white in color.

FLESH—White, thick, fine grained, and well flavored, until it begins to ripen.

EARLY WHITE BUSH SCALLOP, GREEN TINTED (Benning's) SHAKE Similar to the Early White Bush Scallop, except young fruits are greenish white in color, and for that reason more desirable with a number of gardeners and shippers. Fruits acquire an occasional wart and become white in color at maturity.

MAMMOTH WHITE BUSH SCALLOP SERGE 58 Similar to the Early White Bush Scallop, except fruit is larger in size and more warted

and later in season. FRUIT—4 inches long and 10 inches in diameter; weighs about 3 pounds.

EARLY PROLIFIC STRAIGHTNECK SEPER In our opinion this is one of the most valuable and promising squashes available today. It is a bush type, early, fruit straight for convenience in packing and shipping, and unusually attractive. Along the type of Giant Straightneck, but smaller and almost smooth. Very prolific over long period. All America Selection S. M. 1938.

FRUIT—12 inches long and $3\sqrt[7]{2}$ inches in diameter and slightly smaller at stem end; most attractive yellow color.

FLESH—Firm and of excellent quality and flavor.

SQUASH—Continued

SUMMER VARIETIES

Davs Tele-Planted graph to Code Maturity

EARLY YELLOW BUSH SCALLOP

SALTY 56

Season.

52

55

Similar to Early White Bush Scallop in all characteristics except it is a little later reaching the edible stage and is golden yellow in color.

EARLY SUMMER CROOKNECK, YELLOW

SALVO

The most widely used of the summer squashes in its class. A superb sort for home and market gardens and for shipping. Yields fruit profusely on a bush type vine. Fruit to be used when immature. Our strain is medium sized and very uniform; a favorite with

FRUIT—10 inches long and 31/2 inches in diameter; weighs around 2 pounds; small, crooked neck, with enlarged blossom end, where seeds are borne; rich yellow in color and thickly covered with warts.

FLESH-Yellow, thick: noted for its fine quality and flavor.

GIANT SUMMER CROOKNECK, YELLOW

SOUSE

Not unlike the Early Summer Crookneck, from which it is a selection, except that it is later in season and larger in size. It has not been quite as widely accepted as the old type, but serves the same markets where a little larger variety is desired.

FRUIT—16 inches long and $6\frac{1}{2}$ inches in diameter; weighs around 4 pounds, and in other respects similar to the old type.

FLESH-Yellow, thick, of fine quality and flavor.

GIANT STRAIGHTNECK, YELLOW

SIEGE

58

Valuable to shippers and market gardeners as it packs nicely, making a less bulky item to handle. Plant is bush type and bears prolifically.

FRUIT—16 inches long and 4 inches in diameter; weighs around 3 pounds; straight, thick-necked, yellowish orange in color, thickly warted.

FLESH-Golden yellow, thick, fine flavored.

52 WOODS PROLIFIC SIETT

Although characteristically somewhat variant in uniformity, this variety is of value and is readily recognized by its different type from the White Bush Scallop, from which it is derived. A prolific and dependable sort with ability to withstand adverse

FRUIT—Generally from cream to white, like the Bush Scallop, with occasional green striped fruit; deeper fruit than Bush Scallop with very little to no scalloping, with slight variations in size and shape.

FLESH — Greenish white, solid, fine grained.

YANKEE HYBRID 50

Originated by the Conn. Agricultural Experiment Station and is a regular, single cross hybrid, resulting from a carefully controlled process of crossing the two inbreds. Expensive as the seed may be the Conn. Station has records to show it pays gardeners to use this hybrid where they depend on most of their returns from the earliest market, due to its more prolific development of early fruits. All America Selection B. M. 1941.

FRUIT—Very similar in all respects to the Early Prolific Straightneck variety.

ZUCHINNI, GRAY GREEN

SHOOP

60

Another of the Italian Marrow type and similar in type to the Zuchinni, black except fruit slightly smaller and mottled green giving grayish color appearance. Use when young and tender and they are a delicacy.

FRUIT-12 inches long and 4 inches in diameter, almost cylindrical, medium green mottled with light grayish green.

FLESH—Of appealing flavor, solid, and of fine quality.

SQUASH—Continued



ZUCHINNI, BLACK-Rapidly becoming more popular.

Season. Days Planted to Maturity 60

100

105

112

Tele-

graph

Code

ZUCHINNI, BLACK

SHALY Belongs to the same Italian Marrow group as does the Cocozelle but smaller. Used in the home and market garden and for shipping, and oftentimes preferred to the Cocozelle.

FRUIT—13 inches long and 4 inches in diameter; weighs around 4 pounds; smooth, cylindrical, entirely dark green in color, and a very attractive fruit.

FLESH—Greenish white and of fine quality and flavor.

FALL AND WINTER VARIETIES Cucurbita maxima

BANANA, PINK SAPHO 115

An excellently flavored squash that is familiar to everyone, but its use is limited because of its soft shell and poor keeping qualities. It is desirable as a home and market sort and used by careful shippers.

FRUIT—20 inches long and 6 inches in diameter; weighs around 10 pounds; skin grayish green, turning to pink at maturity; rind, thin and brittle; cylindrical or banana in shape.

FLESH—Light orange, thick, fine grained, of distinct, delicious, sweet flavor.

BOSTON MARROW SATIN Standard Northern canning or pie variety. One of the best winter type squashes. It is very productive and has excellent keeping qualities. Recommended as adapted

for freezing preservation. FRUIT—12 inches long and 8 inches in diameter; weighs around 7 pounds; oval shaped like the Hubbard; shell, hard; rough orange-colored skin.

FLESH—Golden, thick, firm, fine grained, and sweetly flavored.

DELICIOUS, GOLDEN A winter squash that has become known for its supreme quality. It makes a wonderful home garden squash, and being a type that stores well, it may be enjoyed through the

winter months. Widely used for canning. Recommended as adapted for freezing preservation.

FRUIT—8 to 9 inches long, top-shaped, weighs around 8 pounds; shell, hard, smooth, golden with lighter stripes at the blossom end.

FLESH—Rich orange, thick, dry, fine grained, of outstanding flavor.

SHAAM HUBBARD, BLUE Desirable for its high quality and claimed by some growers to be the best of all Hubbards for a fine edible product.

FRUIT-15 inches long and 10 inches in diameter, being large round with a neck at both ends. Rind blue-gray colored, hard, thick, coarsely warted with slight ribbing.

FLESH—Thick, orange yellow, fine textured, and of fine sweet flavor.

SQUASH—Continued

Days
Tele-Planted
graph to
Code Maturity
SHAMP 102

Season.

108

58

HUBBARD, GOLDEN

Similar to the Improved Hubbard except smaller in size, golden in color, earlier, and produces more fruits. It is a splendid home and truck garden type and is highly favored by canners. Excellent keeper as a winter squash. Recommended as adapted for freezing preservation.

FRUIT—II inches long and 8 inches in diameter, pointed at both ends; shell, hard and tough, somewhat warted, orange-red in color, with cream-colored stripes

near the blossom end.

FLESH—Deep yellowish-orange, thick, dry, fine grained, of excellent quality and flavor.
HUBBARD, IMPROVED SAPID

The leading winter squash. The standard sort for home, market garden, and shipping. Its keeping qualities are unsurpassed and edible qualities most delicious.

FRUIT—12 inches long and 9 inches in diameter; weighs around 12 pounds; globular in shape and tapered at both ends; shell, thick and hard, surface moderately roughened, deep green colored, turning bronze green at maturity.

FLESH-Orange-yellow, very thick, dry, fine grained, of excellent sweet flavor.

HUBBARD, CHICAGO WARTED

Similar to the Hubbard Improved, except larger in size and more thickly covered with

warts. Vine is a heavy producer of beautiful specimens which are particularly desirable for market use.
FRUIT—14 inches long and 10 inches in diameter; weighs around 15 pounds; globular

in shape and pointed at both ends; shell, thick and hard, surface thickly covered with warts, bronze green in color at maturity.

FLESH—Orange-yellow, very thick, dry, fine grained, of excellent sweet flavor.

TABLE QUEEN or Des Moines or Acorn C. pepo
Often called Acorn because of its acorn-like shape. A truly fine squash of delicious flavor. Just the right size to be cut in half and served to two people. It is remarkable the way its popularity has increased in the home, market gardener, and shipping trade. A most profitable sort because of its earliness, high productivity, and keeping quality. FRUIT—51/2 inches long and 4 inches in diameter, acorn shaped, uniformly grooved and ridged; shell, thin and hard, smooth, dark green.

FLESH-Yellow, thick, tender, with a most pleasing sweet flavor.

WINTER CROOKNECK GOLDEN

For description refer to Pumpkin, Cushaw Crookneck Golden.

TOMATO

Lycopersicum esculentum

Keystone Tomato Seed has become a tradition with our trade, founded on experience which has taught that they are dependable, true to name, and of the most highly selected and improved strains. Our breeding methods are unceasing to maintain that fine record, and our comparative test plots under actual field conditions on our proving grounds are always open to the public.

STATE CERTIFICATION OF TOMATO SEED

A number of varieties are available, certified for purity of variety and freedom from disease by State Experiment Stations. The varieties which are offered certified may also be had in the regular way. For information concerning varieties available, the method of packing and certification consult our current price list or write us.

In offering these State Certified varieties we wish to emphasize the fact that it does not in any way imply that our regular uncertified seeds are not of strictly finest quality, true to variety and

free from disease.



These 1/4 pound sealed boxes of Keystone Tomato Seeds are familiar to thousands of growers. Available now in all principal varieties, they provide a convenient, safe, and economical method of distribution for dealers and canners.

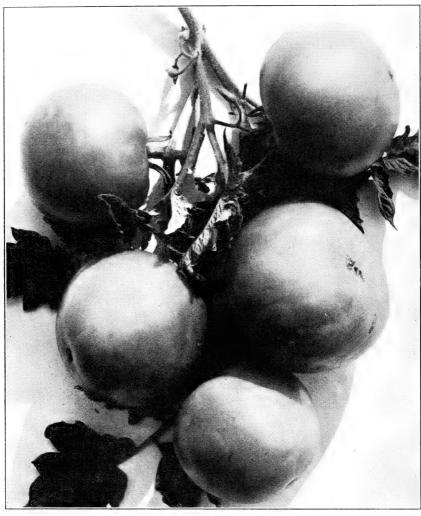
TOMATO—Continued Tele-	Season Days Plants
RED OR SCARLET-FRUITED VARIETIES Graph	Set to Fruit
A standard early variety, highly prized by market gardeners and shippers and used by some Northern canners. A fine, general purpose tomato. Chalk's Early Jewel is similar. VINES—Medium height and foliage, medium green, adapted to pruning and staking if desired.	70
FRUIT—Attractive deep scarlet red, oblate to nearly round, medium sized, smooth, solid, of high quality, tart flavor.	
An introduction of the U. S. Department of Agriculture that is used by truckers and shippers due to its wilt resistance, earliness, and absence of growth cracks. First early. VINES—Foliage rather light, early, hardy, very prolific, open and spreading. FRUIT—Globe shaped, smooth, large, fleshy, of good quality, color light scarlet.	68
CHALK'S EARLY JEWEL Bonny Best is an improved strain of the old Chalk's Early Jewel. For complete varietal description see Bonny Best.	70
DWARF STONE A "tree" tomato with fruits similar to Impreved Stone. The most popular variety of this type and it requires no training and very little space. VINES—Erect, dwarf, "tree" type, fairly prolific. FRUIT—Fine flavored, large, smooth, oblate, bright scarlet, solid.	90
EARLIANA Widely grown because of its extreme earliness. Our strain is the smoothest, most uniform we have ever seen. VINES—Medium to small but vigorous, open, spreading. FRUIT—Bright scarlet, medium sized, nearly globe shaped, thick skinned, borne in clusters.	64
A much improved type over the Break O'Day. Like Break O'Day it is disease resistant and in addition the vines are heavier foliaged giving protection against sunscald and produces large deeper fruits of full red color. An important green wrap variety with shippers in Florida and Texas. VINES—Large, upright with good foliage leaves, early, hardy and prolific. FRUIT—Bright red, large, globe shaped, firm, smooth and of good quality.	66
EARLY BALTIMORE A development by Prof. W. A. Huelson of the University of Illinois. Resistant to Fusarium Wilt, earlier and of smaller vine than Greater Baltimore from which it was selected. A good canning or market variety adapted to soils of high nitrogen content where there is danger of excessive vine growth. VINES—Intermediate in size, and fairly compact with rather finely cut leaves; uniformly ripens fruits. FRUIT—Rich red, smooth, deeper than regular Baltimore and about the size of Mar-	73
globe; solid and meaty. GREATER BALTIMORE (INDIANA GREATER BALTIMORE) The leading canning and juice tomato. Our Keystone Canner Strain represents years of painstaking selection and is today the most uniform, most desirable strain we have ever seen. Fruits have been slightly deepened in shape, reducing loss in peeling and coring. Noted for its deep red color throughout. VINES—Vigorous, semi-erect, large vine, slightly earlier than other strains of this variety, and heavily productive up to frost. FRUIT—Deep shape, somewhat flattened, large, solid, smooth, bright deep red color of skin and flesh; ripens evenly over entire surface.	78
Another development by Prof. W. A. Huelson of the University of Illinois. A Fusarium Wilt Resistant strain selected from Greater Baltimore and recommended in its place where wilt is prevalent. Has additional advantage of holding foliage better than	80

where wilt is prevalent. Has additional advantage of holding foliage better than

FRUIT—Rich red, smooth, medium large, deeper than Baltimore, small seed cells,

regular strains. A canning variety. VINES—Similar to Greater Baltimore, and very prolific.

of uniform shape.



KEYSTONE MARGLOBE TOMATO

Season. Days Plants Set to Fruit

70

JOHN BAER

graph Code **TAKER**

Tele-

A good early variety. Similar to Bonny Best. Valuable for market gardeners and a very good canner.

VINES-Medium to large, vigorous grower, and quite prolific.

FRUIT—Deep scarlet red, oblate to round, firm, smooth, of good quality.

LOUISIANA, RED

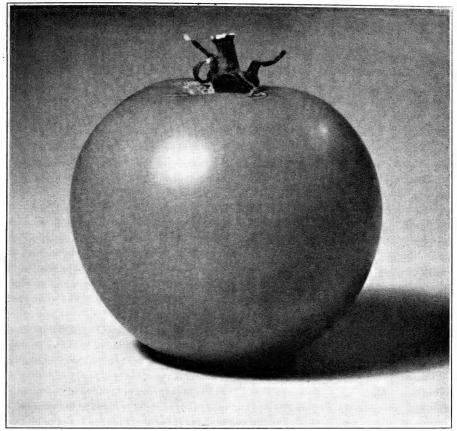
TIGHT

75

A fine, medium early variety which merits a chance in the home garden. It is wilt resistant. Very similar to Louisiana Pink except for color of fruit.

VINES—Medium to large, vigorous, and prolific, dark green, hardy sort.

FRUIT—Red, firm, medium sized, smooth, deep flat, small seed cavity, of good flavor.



MASTER MARGLOBE-Note the full deep globe shape.

Season. Days Plants Set to Fruit

75

75

85

Tele-

graph Code

MARGLOBE

A most valuable all-purpose variety that has won its way to a surprising number of gardeners, shippers, and canners. Resistant to wilt and nailhead rust. Our strain is the true type, originally from the U.S. Department of Agriculture.

VINES—Vigorous, medium green, heavy foliage that shades fruit well, inclined to be

FRUIT—Deep scarlet color, fully colored around the stem, globe shaped, smooth, thick walls, solid, of fine quality.

MASTER MARGLOBE

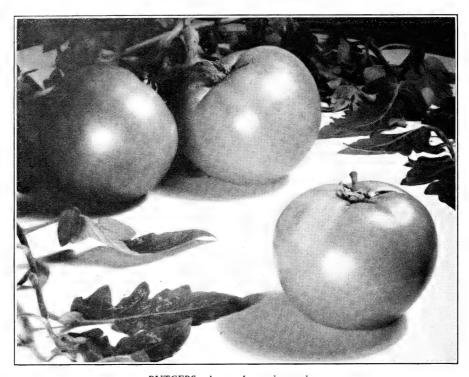
Resistant to Fusarium Wilt and Nailhead Rust and similar to regular Marglobe except it is a highly developed shipping strain producing a large number of unusually uniform heavy fruits of deeper shape. The fruits are noticeably smooth and free of defects. VINES—Vigorous, medium green, heavy foliage protecting fruits from sun.

FRUIT—Deep globe shape, uniform, smooth, thick flesh walls with small seed cavities, very solid, deep scarlet, ripening fully around stem; of excellent quality.

NORTON, WILT RESISTANT

Excellent as a late or main crop sort for canning or shipping. Similar to Stone but wilt resistant. Developed by the U. S. D. A.

VINES—Medium large, heavily productive on wilt-infested soil. FRUIT—Rich red, large, oval, solid, smooth, and of excellent quality.



RUTGERS—A superb canning variety.

Season.
Days
Telegraph Set to
Code Fruit

PAN AMERICA

TAROT 75

Recently introduced by the U.S.D.A. from the Beltsville, Maryland, Station. Bred for resistance to Nailhead Rust and Wilt, this variety has fine possibilities and may be expected to become rapidly accepted by the trade.

VINES—Strong grower, developing good coverage, protecting fruits from the sun; very productive.

FRUIT—Globular, medium large, smooth, free of cracking; colors bright scarlet throughout with thick flesh walls.

PRITCHARD or Scarlet Topper

TIMID

75

The last wilt-resistant variety developed by Dr. Fred J. Pritchard of the U. S. Department of Agriculture. A second early variety for home, market, shipping, and canning. Color not as good as the Rutger's variety. *All America Selection G. M. 1933*.

VINES—Medium, distinctly self-topping, vigorous, and heavy. Can be planted closer together than most sorts.

FRUIT—Beautiful, smooth, globular shape; medium scarlet color; thick walls and solid flesh; mild flavor.

RED ROCK

TAPER 82

A main crop canning variety of great merit. Our strain especially prized by a large number of canners. Although similar to Stone, it is quite distinct for having better color.

VINES-Medium to large in size; a very vigorous, healthy grower.

FRUIT—Deeper red than Stone, round, very solid, meaty; colors up well, fine flavor.

Days Plants Telegraph Set to Code Fruit

80

86

83

RUTGERS

TITAN A recent introduction of the New Jersey Experiment Station; it is to be highly recommended for market, canning, and for juice. Developed and recommended for its uniform deep red coloring of flesh and skin and its wilt resistance. Has become popular as a green wrap shipper in Florida and Texas.

VINES—Strong, compact vine growth, widely adapted, protects fruit well, very prolific. FRUIT—Bright deep scarlet color ripening from inside out, globe shaped, fleshy, firm, of

excellent quality.

SAN MARZANO or Improved King Humbert (Italian Pomodoro)

QΛ A rather small fruited variety which is an important sort in California as well as with canners in other parts of the United States for making tomato paste and canning whole.

VINES—Medium, somewhat open and upright with deep green foliage, bears fruits in clusters; very prolific.

FRUIT—3 inches long by 1½ inches across, or oblong; two celled, very thick flesh wall; deep scarlet red, scarcely any juice and very mild flavored.

~ STOKESDALE 70

For an all around tomato this variety is exceptional. In season with Bonny Best. Adapted to a wide range from South to North and is a good variety for shippers, market gardeners, and is used by some canners.

VINES-Medium heavy foliage, moderately spreading and open but sufficient coverage to generally protect the fruits. Unusually productive for its class.

FRUIT—Medium large, smooth, almost globe shaped, solid flesh, free from cracking. Bright scarlet throughout and over stem end, of good flavor.

STONE IMPROVED **TAPIS** 85

Our Keystone Canner Strain is the result of many years' selection, resulting in a much finer, more uniform, and somewhat earlier tomato than the original Stone. Although prized by canners in many districts, it is also a good main crop market sort.

VINES—Vigorous, long vines, protect the fruits well, heavy yielder.

FRUIT-Scarlet red, large, deep-flattened, solid, meaty, smooth, and uniform in ripening.

VICTOR TAPPE 45

A new type tomato with a determinate or self topping vine and a uniform ripening gene. An early variety which is recommended for the home garden. All America Selection B. M. 1941.

VINES—Comparatively small, being determinate, requires small space in garden, open type giving very little fruit protection.

FRUIT—Scarlet colored, globular, mild flavored, medium sized and very numerous for size of plant.

PINK OR PURPLISH-FRUITED VARIETIES

BRIMMER TITLE Produces large fruits similar to Ponderosa, but smoother. Not quite so large, but earlier. Excellent for home garden, making a fine slicer.

VINES—Exceptionally large giant size, spreading, hardy, and prolific.

FRUIT—Purplish pink, huge, flattened, smooth, fine in appearance, meaty, mild flavor.

DWARF CHAMPION (Tree Tomato) **TASTE**

A dwarf variety desirable for home garden use.

VINES—"Tree" type, compact upright growth, dark green foliage, grows nicely in a small space.

FRUIT—Pinkish purple color, flattened globe shape, smooth, solid, and of medium

size.

78 EARLY DETROIT TAUNT

A well-known medium early sort, valuable as a shipper. It is a very good producer. VINES—Vigorous, heavy foliage, and prolific.

FRUIT—Rich purplish pink, nearly globe shaped, large, smooth, and solid.

Telegraph Code Season. Days Plants

Set to Fruit

CAMP CTATE MARKET	77
An excellent shipping variety, and also fine for market use. Has particularly heavy	77
skin that is not inclined toward cracking. Our strain is unexcelled. VINES—Medium in size, strong, hardy, shade fruit very nicely, somewhat self-topping. FRUIT—Crimson pink, medium large, meaty, solid, globular shaped, small seed cells; of wonderful flavor.	
JUNE PINK TEACH	68
The earliest pink variety. Similar to Earliana except for color. Highly desirable as a first early shipper. VINES—Rather short, open, and spreading. FRUIT—Attractive purplish pink, somewhat flattened, medium size, borne in uniform clusters, solid, and meaty.	
LIVINGSTON'S GLOBE TEASE	80
Widely known as a standard tomato, outstanding for shipping and may be said to be equally popular for market and home use. As a forcing tomato it continues to be a leading late winter and spring crop. VINES—Medium large, leaves large light green, prolific, hardy, sturdy, shades fruit	
nicely. FRUIT—Purplish glossy rose, globe shaped, smooth, attractive, uniform in ripening.	
LIVINGSTON'S BEAUTY or Truckers' Favorite TEETH	83
An old variety which withstands adverse weather. Valuable for a summer market crop. VINES—Very large, makes a hardy, strong growth, heavily productive, shades fruit well. FRUIT—Purplish pink, somewhat flattened, large, smooth, firm, not inclined to crack.	03
LOUISIANA, PINK TODDY	75
Developed for resistance to Fusarium Wilt. A heavy producer on badly infested soil. VINES—Vigorous grower, rather open in growth, sets fruit profusely, dark green. FRUIT—Pink, deep flat shaped, medium sized, firm, small seed cavities, of fine flavor.	
MARHIO TOKAY	75
A wilt resistant pink Marglobe. An introduction from the Ohio Experiment Station, popular as a variety for greenhouse forcing, market and home gardening use. VINES—Strong growth, hardy, heavy foliage, quite productive. FRUIT—Purplish pink, globular, solid, meaty, exceptionally attractive, medium to large in size.	
OX HEART TEMPO	90
Entirely different from any other tomato. Fruit has a novel heart shape that makes it a special attraction for home and market gardeners.	70
VINES—Rather large, fairly productive, hardy grower, very late. FRUIT—Pink, heart shaped, very solid, uneven surface, exceptionally large, meaty, distinct appealing flavor.	
PONDEROSA TEHEE	86
A late, large-fruit bearing variety that has become a favorite in the home garden. VINES—Large, coarse, spreading, broad, medium green foliage. FRUIT—Purplish pink, extremely large, flat, very solid, somewhat irregular, with very few seeds.	
1011 30003.	
LARGE YELLOW-FRUITED VARIETIES	
GOLDEN QUEEN TANTY	82
An attractive novelty; a leader in the main crop yellow-fruited field. VINES—Medium sized; may be grown in nearly all tomato areas.	
FRUIT—Rich golden yellow, medium sized, slightly flattened, smooth, firm, finest of flavor, being milder than red varieties.	

TOMATO—Continued

LARGE YELLOW-FRUITED VARIETIES

Days Tele-Plants graph Set to Code Fruit TANOP 72

Season.

86

75

Season.

JUBILEE A new and truely different tomato which merits a place in every home garden. Being

Orange-yellow in color it is novel in appearance and makes a delicious juice of attractive color. All America Selection B. M. 1943.

VINES—Short stemmed, requiring small growing space, although not determinate. Sturdy and compact, bearing over a long season.

FRUIT—Bright Orange-yellow, globular, thick-walled, with few seeds, of mild flavor and good quality.

PONDEROSA (YELLOW) TACKY Large like the regular Ponderosa, tasty mild flavor, fitting in the home garden very

VINES—Large, late, similar to regular Ponderosa.

FRUIT-Golden yellow; same in size, shape, and quality as Ponderosa.

SMALL-FRUITED VARIETIES

YELLOW, PEAR SHAPED TENCH 75 Grown as an oddity in the home garden. Popular as a decoration or preserving variety. Has tall growth of vine, bearing large clusters of small pear-shaped, golden-colored

fruit. YELLOW, PLUM SHAPED Also grown as an oddity in the home garden. Popular as a decoration or a preserving

variety. Bears large clusters of deep yellow, small, plum-shaped fruits.

RED CHERRY 75 Novelty variety grown in home garden. Used principally for preserving and pickling. Fruits are small, round, and deep red in color. Borne in large clusters.

TENIR 75

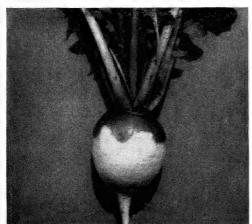
Similar to Yellow Pear except fruits are red.

TERIO 75 RED PLUM

Similar to Yellow Plum except fruits are red.

TURNIPS

Brassica Rapa



PURPLE TOP WHITE GLOBE The leading turnip.

Days Tele-Planted graph to Code Harvest 75

ABERDEEN, PURPLE TOP TENSE

One of the best yellow-fleshed sorts. It is an excellent keeper for winter use, either for the table or for stock feeding. A heavy producer. Resembles rutabaga when matured.

TOPS-Large, leaves broad and oblong, and cut leaved.

ROOT—Becomes around 5 inches in diameter, globular in shape, smooth, top part purplish red and lower yellow in color; flesh, light yellow, firm, tender, of good quality.

Season. TURNIPS—Continued Days Planted Telegraph to Code Harvest **TEXTS** 75 AMBER GLOBE, GREEN TOP Principally grown for stock feed, but also suitable for table use. It is hardy, very productive, and an excellent keeper. Has close resemblance to rutabaga. TOPS —Large, medium light green in color, and cut leaved. ROOT—5 to 6 inches in diameter, round in shape, smooth skin; yellow in color except for top portion, which is shaded with green; flesh, light yellow, sweet, and of good quality. TENTH 40 EXTRA EARLY PURPLE TOP MILAN One of the earliest turnips in cultivation. A most valuable sort for the home and market garden. Well adapted for forcing and used extensively for this purpose. TOPS -Small, upright, strap leaved. ROOT—3 to 31/2 inches in diameter, flat shaped, smooth, small tap root; upper portion purplish-red, lower, white; flesh, white, fine grained, tender, and sweet flavored. TAUPE 40 EXTRA EARLY WHITE MILAN Another of the Milan group, which is noted for its earliness. An excellent variety for the home and market garden, and forcing. TOPS —Small, erect, and strap leaved. ROOT—3 to 31/2 inches in diameter, flat shaped, smooth, slender tap root, entirely white; flesh, fine textured, tender, mild, and sweet. GOLDEN BALL or Orange Ball 60 For the home garden and local market. Of fine quality and good quality, making a very attractive appearance when prepared for market. Tops are small and cut leaved. ROOT—About 31/2 inches in diameter, globular, smooth, orange yellow with yellow, firm, fine grained flesh. JAPANESE SHOGOIN (FOLIAGE TURNIP) 42 A variety that has splendid merits for a dual purpose sort. It is excellent for greens and produces fine quality roots. Tops are ready for greens quite early. Resistant to aphids. TOPS —Many bright green, upright, rapid growing, large, tender, fine-flavored leaves. ROOT—Large, short oval, entirely snowy white; flesh, white, mild, tender, and sweet. LARGE WHITE GLOBE or Pomeranean or Norfolk 75 TERRA A wonderful variety to grow for stock feed but also good for table use in the young stage. Produces a tremendous tonnage. -Large, broad, coarse cut leaves, upright, and medium green in color. ROOT-4 to 6 inches in diameter, globular in shape, large tap root, entirely white; flesh, clear white, coarse textured, of fair quality. LONG WHITE COW HORN **TETRA** 80 A fine sort for stock feed, but also good for table use in the immature stage of about 60 days. TOPS —Medium to large, upright, oblong, and coarse; medium green, and cut leaved. ROOT—12 inches long, 21/2 to 3 inches in diameter at the shoulder, tapered, somewhat crooked, greenish tinge at shoulder and rest white, of sweet flavor. PURPLE TOP, STRAP LEAVED **TEXAS** 45 One of the best and most widely used home and market garden varieties for spring and fall planting. It is valuable for its earliness and fine edible qualities. TOPS — Medium small, erect, compact, and slender strap leaved. ROOT—3 inches or more in diameter, uniform, deep flat, purplish red above ground and white below, smooth, small tap root; flesh, white, fine textured, tender, and sweet flavored. PURPLE TOP. WHITE GLOBE 55 The leading turnip. It is one of the best and the most popular. It serves for every use, whether in the home and market garden or for shipping or storing. TOPS — Medium large, dark green, erect, compact, and cut-leaved.

ROOT—4 to 5 inches in diameter, globe shaped, upper portion bright purple and pure white below; clean and smooth, with small tap root; flesh, white, tender, fine

textured, and delicate sweet flavor.

TURNIPS—Continued

Days
Tele-Planted
graph to
Code Harvest

RED TOP WHITE GLOBE

THAPS 55

Our pedigree strain of the Purple Top White Globe variety. It is almost perfect for uniformity and the attractive purplish-red root crown is very distinct.

TOPS -Medium large, dark green, erect, compact and cut leaved.

ROOT—Develops up to 5 and 6 inches in diameter, uniform, smooth, globe shaped, with the rich purplish red upper part of root sharply defined from the lower pure white portion. Flesh very white, fine textured and of delicate sweet flavor.

SEVEN TOP or Winter Greens

THECA

A foliage turnip for table and forage use. It is considered the standard sort for greens. Noted for its hardiness and ability to shoot up an abundance of splendid quality leaves. ROOT—Not edible, very tough and woody.

SOUTHERN PRIZE THONG

Somewhat similar to Seven Top, but forms a fleshy white root. Quite popular in the South for its fine foliage, which is used as table greens or forage crop for stock. Hardy enough to withstand winters in the South.

SNOW BALL TOURN 50

An early variety for the home and market garden. Although rather small in size, it is a fine appearing type of exceptional quality.

TOPS —Erect, compact, and rather small.

ROOT—21/2 inches in diameter, medium sized, round, entirely white, smooth, slender tap root; flesh, white, tender, crisp, and sweetly flavored.

WHITE EGG THEFT 50

Popular in the home and market gardens for either spring or fall planting. Medium early in season and develops an attractive egg-shaped white turnip.

TOPS -Medium sized, erect, compact, cut leaved, and medium green.

ROOT—21/2 inches in diameter, 3 inches long, grows partly above ground, smooth thin skinned, entirely white; flesh, white, fine textured, crisp, tender, and sweet.

WHITE FLAT DUTCH THEIR 45

An early variety which is principally used by home and market gardeners. An excellent sort for early spring planting. Widely used in the South.

TOPS —Small, erect, compact, and strap leaved.

ROOT—3 or more inches in diameter, deep flat, entirely white, smooth, small tap root; flesh, white, fine textured, firm, tender, and sweet.

RUTABAGA or SWEDISH TURNIP

Brassica Napobrassica

AMERICAN YELLOW, PURPLE TOP or Long Island Improved RIGHT

An excellent variety for home, market gardeners, shippers, or for storage, as it is a good keeper and heavily productive of fine quality roots.

ROOT—Large, globular, small crown; yellow in color with purple top; flesh, tender, crisp, fine textured, sweet, and light yellow in color.

GOLDEN NECKLESS or Early Neckless

RIGAB

90

85

Although somewhat on the order of American Yellow Purple Top, this variety is a smaller rooted and shorter top type, giving more refined appearance. Suitable for gardeners, shippers, or storing.

ROOT—Very small neck, flattened globe shape, yellow with purple top, flesh yellow, and of fine sweet flavor and excellent quality.

SWEET GERMAN RAFIT 90

A fine keeping variety which is a heavy producer of large roots suitable for either table or feeding purposes.

ROOT—Large, globular, mostly white with a tinged green top; flesh, white, firm, tender, and of sweet flavor.

GARDENING SUGGESTIONS

Since a number of vegetables reach maturity early in the season, it is possible to utilize the space they occupied for successive plantings of the same vegetables or for rotation plantings of different plants. The earliest of all the vegetables to mature is the radish. The gardener generally can count on being able to utilize anew the space occupied by the first planting of these vegetables in from 5 to 7 weeks, depending on the rapidity with which they are consumed. In intensive gardening, however, it is not necessary to wait until all the radishes of the first planting have been removed before other plantings can be made. Enough of the roots can be removed at intervals to make places for setting lettuce, cabbage, cauliflower, Brussels sprouts, or other plants, and the two crops—radishes and the interplanted crop—can continue growing side by side until the former is used. In a similar way, onion sets may be set out in rows that are to be occupied later by tomato plants, room being made for the latter by the removal of a few onions when the proper planting time for tomatoes arrives. Various combinations of this sort can be worked out between quick-maturing crops and the plants grown in frames or seed beds for later planting in the open.

The gardener should not plant all of his radish, lettuce, or spinach seed at once, but

The gardener should not plant all of his radish, lettuce, or spinach seed at once, but should make several successive plantings at intervals of about two weeks. In this way the season for these vegetables will be lengthened greatly. Successive planting is possible also with beets, peas, beans, sweet corn, and a number of other vegetables. The best of the successive crops of the quick-maturing vegetables must be crowded into the early part of the season, since most such plants do not thrive well when planted in hot weather. This is especially true of radishes and lettuce. In the case of lettuce,

this disadvantage can be overcome to a certain extent by artificial shading.

In all sections but the extreme north, it usually is possible to grow fall crops of certain vegetables, notably carrots, beans, radishes, Irish potatoes, and turnips. In the southern part of the country an even larger number of vegetables may be grown in the fall. The seeds for these late crops are planted from July to September, depending on

whether the garden is in the Northern or Southern States.

In planning rotations of crops, whether the rotations be during the same or in succeeding seasons, certain general principles should be kept in mind. In type and character of growth, the succeeding plant should differ as widely as possible from the plant which it follows. This is both for the purpose of avoiding attacks by insects and diseases, and to insure that the second crop shall be properly nourished. A good plan is not to have root plants, such as beets and carrots, nor plants of the same family, such as cabbage and Brussels sprouts, or tomatoes and peppers, follow each other. It is well to divide the plants into root crops, fruiting crops, and foliage crops, and have members of the different groups alternate.

For the convenience of gardeners who wish to plan to use their soil to best advantage by means of successive plantings and rotations, the following groupings of

vegetables are made:

1. Crops Occupying the Ground All Season

Asparagus Rhubarb Beans, pole snap Beans, pole Lima Beets, late Carrots, late Parsnips

Eggplant Peppers

Onions (from seeds) Leeks Okra

Potatoes, main crop Rutabagas

2. Successive Crops

Radish Spinach Lettuce

Peas Beans, dwarf Parsley

Salsify

Melons

Squash

Corn, late

Pumpkins

Tomatoes

Cucumbers

Turnips Kohl-rabi Mustard

3. Early Crops Which May Be Followed by Others

Onion sets Beets, early Mustard Turnips, early Carrots, early Spinach Corn, early Cabbage, early

4. Late Crops Which May Follow Others

Beets, late Spinach Peas, late Celery Cabbage, late Brussels sprouts Cauliflower Mustard Kale Endive Flat turnips

Missouri State Board of Agriculture Monthly Bulletin, July, 1917, Vol. XV, No. VII, "The Small Vegetable Garden," pp. 26-27.

FIELD CROPS PLANTING CHART

18 18 19 25 25 25 25 25 25 25 2		Lbs.	Rate to Sow	i i	Depth	NIND OF SECTION AND ADDRESS OF SECTION ADDRESS OF	Lbs.	Rate to Sow	Time to Sow	Depth to Sow
10 12 10 12 10 12 10 14 14 14 14 14 15 15 15	KIND OF SEED	Bu.	Acre	Mus to sow	ro sow Inches	NIND OF SEED	Bu.	Acre		Inches
10 10 10 10 10 10 10 10	Alfalfa—broadcast	09	18 to 22	Spring & ea. Fall	1 to 11/2	Lawn Grass mixed		125	Ea. spring, ea. fall	1/2
48 200 to 150 March April 1 to 154 Lespedeac Serice (miled) E.S. 200-25 E.B. Agrind May June 50 6 to 8. Augit to Oct. 1 to 154 Millises - Tor Ray 50 10	Artichokes, Jerusalem	202		March, April, May	1/2 to 1	Lespedeza—Common	32	20-25	Ea. spring after frost	1 to 2
10 10 10 10 10 10 10 10	Barley, Spring	48	120 to 150	March, April	1 to 11/2	Lespedeza-Korean.	52	20-25	Ea. spring after frost	1 10 2
Secondary Land La	Barley, Winter	3 6	120 to 150	Aug. to Oct.	1 to 11/2	Lespedeza Sericea (nulled)	200	30.		1/2 to 1
18 to 20 Feb. March to May 1 Millites, Hungarian, for Seed 85 81 to 30 Late May to ear, July 15 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Seed 85 81 to 30 Late May to ear, July 15 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Seed 85 81 to 30 Late May to ear, July 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 14 to 20 Ea. spring, ea. Sept. 2 Millise Hungarian, for Hay 10 Millise Hungarian, for Hungarian, for Hay 10 Millise Hungarian, for	Beans, Navy, Field (Small)	38		May, June, July.		Millets—for Seed.	20	15.	Late May to ea. July	1/2 to 1
15 to 0 Feb. March, Agril,	Beans, Gt. Northern (Large Navy).	90	60	May, June, July.		Millets, Hungarian, for Hay	8 6	4830	Late May to ea. July	1/2 to 1
125	Black Madic	9 6	18 to 20	March to May	1/2	Millets, Fungarian, 101 Seed	32	20 to 30	Late May to ea. July	1/2 to 1
14	Blue Grass, Kv., for lawns	<u>*</u>	125	Ea. spring, ea. Sept.	1/2	Mung Beans	09	8 to 10	May, June, July	1/2 to 1
14* 22 E.a. spring, et.a. Sept. 22 Orchand Class for Seed 14 20 E.a. spring, et.a. Sept. 15 10 15 Peasur, B.M. Sept. 10 10 10 10 10 10 10 1	Blue Grass, Ky., for pastures	*		Ea. spring, ea. Sept.	1/2	Oats	32	60 to 80	March, April	1 to 1½
14° 20 San Spring, eac Sept. 17° 10 Pearure Nation 17° 20 Pearure Nation 17° 20 Pearure Nation 17° 20 Pearure 17° 20 Pearure Nation 17° 20 Pearure Nation 17° 20 Pearure Nation 17° 20 Pear Assignment	Blue Grass, Canada, for lawns	* *	125	Ea. spring, ea. Sept.	1/2	Orchard Grass for Hay	***	10 to 14	Fa spring-fall	1/2 to 1
Fig. 6 Strict May, 10 1/2 Peas, Austrian Winter 50 30 to 35 Aug, Sept. Oct.	Blue Grass, Canada, for pastures	* * * * * * * * * * * * * * * * * * *	3.6	Ea. spring, ea. Sept.	11/2 40 9	Orchard Grass for Seed		30 to 40	Ea. spring-fall.	1/2 to 1
52 50 to 60 Late Spring 1 to 1/2 Peas, Canada Field (broadcast) 60 75 to 90 Early spring 46 5 to 6 Winter to June 1 to 2 Peas, Canada Field (broadcast) 60 75 to 90 Early spring 60 5 to 6 Winter to April 2 to 1 Peas, Canada Field, with oats 60 75 to 90 May or June 60 2 to 4 Winter to April 2 to 1 Peas, Cov., in drill with cont 60 20 to 30 May or June 10 10 to 12 Winter cont of April 2 to 1 Rape, Cov. 7 to 1 Rape of April 1 to 2 1 to 2 1 to 30 2 to 30 1 to 30	Broom Corn	48	5 to 8	April. Mav.	1 to 11%	Peanuts	22	35 to 40	May, June.	11/2 to 2
10 1 10 1 10 1 10 1 10 1 1	Buckwheat	_	50 to 60	Late spring	1 to 11/2	Peas, Austrian Winter	09	30 to 35	Aug., Sept., Oct	5
10 10 10 10 10 10 10 10	Carpet Grass	_	8 to 10	Jan. to June.	1/2	Peas, Canada Field (broadcast)	96	120 to 150	Early spring	1 to 2
12 20 to 0	Caster Beans—Hills	_	:	Late Spring.	1 to 2	Peas, Canada Field, with oats	200	75 to 90	May or line	1 to 2
12 10 10 10 10 10 10 10	Clover, Alsike		:	Winter to April	1/2 to 1	Peas, Cow, Droadcast	86	25	May or June	1 to 2
12 30 to 40 August, Sept., Oct. 1/2 to 1 Rape, broadcast 50 5 to 8 Ea. May to late July 10 to 10	Clover Alsike & Timothy mixed		:	Winter to April	72 to 1	Peas Cow in drill with corn	9	20 to 30	May or June.	1 to 2
Continue of the continue of	Clover, Burr.	:		August, Sept., Oct.	1/2	Rape, broadcast	20	5 to 8	Ea. May to late July	1/2 to 11/2
Color Colo	Clover, Crimson		:	July te Oct.	1/2 to 1	Rape, drilled	20	4 to 5	Ea. May to late July	$\frac{1}{2}$ to $1\frac{1}{2}$
Number N	Clover, Hop.	8	10 to 12	Feb., Mar., Apr., Sept	1/4	Red Top, Solid Seed	. * * *	0 to 8	Apr. or ea. Sept	1/2
12 to 16 Winter, early April 12 to 1 Rye, Grain 14 to 6 15 to 10 Winter, early April 12 to 1 Rye, Grain 14 to 6 12 to 16 12 to 16 14 to 6 14 to 6 15 to 10	Clover, Mammoth in mixture	39	4 to 6	Winter, early April	1/2 to 1	Red 100, Unnulled	4	10 to 12	Ea. spring, Aug., Sept.	1/2
4 to 6 Winter to April 1/2 to 1 Sagrain 50 4 to 6 4	Clover, Red	88	6 to 10	Winter, early April	1/2 to 1	Rye, Grain.	26	84 to 112	Sept. to Nov.	1 to 11/2
60 6 10 8 Feb. March Sorghum Forage, broadcast 50 0 10 10 May, June 50 0 10 10 March April May March April May, June 50 0 10 10 15 May, June 50 0 10 10 10 10 10 10 10 10 10 10 10 10	Clover, Red, in mixture	:	4 to 6	Winter to April	1/2 to 1	Rye, Grass	24	28 to 35	Apr. or ea. Sept	1/2
10	Clover, Persian	99		Feb., March		Sagrain	25.25	8 to 10	Apr., Iviay, June, July	1 to 11%
Story March to April 10 1/2 Sorghum Syrup 50 8 to 10 May June 1 to 1/2 Sorghum Syrup 56 8 to 10 May June 1 to 1/2 Sorghum Syrup 56 8 to 10 10 15 May June 1 to 1/2 Sorghum Syrup 56 10 to 15 May June 1 to 1/2 Sorghum Grans 56 10 to 15 May June 1 to 1/2 Sorghum Grans 56 10 to 15 May June 1 to 1/2 Sorghum Grans 50 10 to 15 May June 1 to 1/2 Sorghum Grans 50 10 to 15 May June 1 to 1/2 Sorghum Grans 50 10 to 15 May June 1 to 1/2 Sorghum Grans 50 10 to 15 May June 1 to 1/2 Sorghum Grans 50 10 to 15 March April May June 1 to 1/2 Sorghum Grans 50 10 to 15 March April May June 1 to 1/2 Sorghum Grans 1 to 1/2 Sorghum Grans 1 to 1/2 March April May June 1 to 1/2 Sorghum Grans 1 to 1/2 May June		38		Cat to Feb	1/2 to 1	Sorghum Forage, Droaucast	3 6	8 to 10	May, June.	1 to 11/2
56 8 to 10 Late spring 1 to 11/2 Sorghum, grain varieties, broad-st. 66 40 to 50 May, June. 10 11/2 Sorghum, grain varieties, drilled 56 10 to 15 May, June. 10 15 May, June. 10 to 30 Ma	Clover, White Dutch	88	6 to 8	March to April	1/2 to 1	Sorghum Syrup.	20	8 to 10	May, June	1 to $1^{1/2}$
10 10 56 Late spring 1 to 11/2 Cast 2 to 15	Corn	26	8 to 10	Late spring	1 to 11/2	Sorghum, grain varieties, broad-	9			4 4= 41/
22 10 50 March, April, May 10 11/2 Soy Beans, brinded 60 75 10 120 May, June 10 11/2 Soy Beans, brinded 60 25, may, June 10 11/2 Soy Beans, brinded 60 25, may, June 10 12 10 15 May, June 10 12 10 12 May, June 10 12 10 12 May, June 10 12 10 12 May, June 10 12 12 Ma	Corn, for Silage	26	40 to 56	Late spring	1 to 11/2	cast	92	40 te 50	May June	1 to 11/2
22 10 to 12 Ea. spring, Aug., Sept. 12 Soy Beans, drilled 60 25 May, June 14 40 12 to 15 March, April, May, June 34 Sob Beans, drilled 40 20 to 30 Late May to ea. July 12 24* 20 to 30 Ea. spg, Aug., Sept. 12 Sudan Grass, drilled 40 20 to 30 Late May to ea. July 14 44* 20 to 30 Ea. spg, Aug., Sept. 12 Sunflower 40 20 to 30 Late May to ea. July 14 55 30 to 50 March, April. 12 Tall Meadow Oat Grass, drilled 40 10 to 15 Late May to ea. July 14 28 20 to 30 March, April. 12 Tall Meadow Oat Grass 41 30 to 50 Ea. spring, Aug. Sept. 28 20 to 30 April to July 1 Timothy 45 15 to 30 June, June. 16 15 to 30 June, June. 16 16 16 16 16 17 17 May, June. 16 16 <td< td=""><td>Cottonsaed Firzy</td><td>30</td><td>32 to 50</td><td>March April May</td><td>1 to 11%</td><td>Sov Reans, broadcast</td><td>30</td><td>75 to 120</td><td>May, June.</td><td>1 to 2</td></td<>	Cottonsaed Firzy	30	32 to 50	March April May	1 to 11%	Sov Reans, broadcast	30	75 to 120	May, June.	1 to 2
40 12 to 15 April, May, Junie, 34 Sopt. 40 12 to 15 Mart, April, May, Junie, 34 Sudan Grass, incediated and Grass, proadcast 40 20 to 30 Late May to ea. July. 24* 20 to 30 Ea. spg., Aug., Sept. 72 Sudan Grass, filled 40 10 to 15 Late May to ea. July. 24* 20 to 30 March, April 2 Sept. 12 Supr. 12 Sudan Grass, dilled 40 10 to 15 Ea. spring, Aug., Sept. 12 Sept. 14 Sept. 15 Sept. 15 Sept. 16 10 to 15 March, April 2 Sept. 16 10 to 15 March, April 2 Sept. 16 May, June. July March, April 2 Sept. 16 Sept. 17 Sept. 18 Sept. 19 Sept.	Crested Wheat Grass	22	10 to 12	Ea. spring, Aug., Sept.	1/2	Sov Beans, drilled	9	25	May, June.	1 to 2
10 8 to 10 March, April, May, May, Aug. 1/2 Sudan Grass, broadcast. 40 20 to 30 Late May to ea. July. 1/2 Sudan Grass, broadcast. 40 10 to 15 Late May to ea. July. 14 20 to 30 Late May to ea. July. 14 20 to 30 Late May to ea. July. 14 20 to 30 Late May to ea. July. 15 30 to 50 Late May to ea. July. 16 to 15 Late May to ea. July. 16 to 16 Late May to ea. July. 17 Late May to ea. July. 18 Late May to ea. July. 19 Late May to ea. July. 10 to 15 Late May to ea. July.	Crotalaria	40	\sim	April, May, June	3,4	Soy Beans, in drill with corn	09	15 to 20	May, June.	1 to 2
24 20 03 05 Ea spg., Aug., Sept. 1/2 Sunflower 1/2 Sunflower 1/2 Tall Meadow Oat Grass 1/2 Spring, Aug., Sept. 1/2 Spring, Aug., Sept. 1/2 Tall Meadow Oat Grass 1/2 Spring, Aug., Sept. 1/2 Spring, Aug., Sept. 1/2 Tall Meadow Oat Grass 1/2 Spring, Aug., Sept. 1/2 1/2 1/2 Nay, June 1/2 Nay, June 1/2	Dallas Grass	200	+4 6	March, April, May.	1/2	Sudan Grass, broadcast	3 5	20 to 30	Late May to ea. July	1/2 to 1
52 30 to 50 March, April and March and Marc	Fescue, Meadow	****		Ea spg., Aug., Sept.	1/2	Sudan Grass, drilled	3 6	6 to 8	May.	1 to 2
Strass 28 20 to 30 April to July 1 Timothy 45 8 to 10 Spring & Fall % Orgo-Heigari-Grohoma- Orgo-Heigari Grohoma- Orgo-Heigari (broadcast) 56 10 to 15 May, June. 1 to 1½ Vetch, Winter or Hairy 60 40 to 60 June to Sept. to Nov. 1 to 1½ Orgo-Heigari (broadcast) 56 40 to 60 May, June. 1 to 1½ Wheat, Winter 60 75 to 90 Sept. to Nov. 1 to 12 Nay, June, Jun	Flax.	52	30 to 50	March, April	27	Tall Meadow Oat Grass	4	30 to 50	Ea. spring, Aug., Sept.	1/2
56 10 to 15. May, June. 1 to 1½ Vetch, Winter or Hairy 60 10 to 50 March or April 1 to 1½ Vetch, Winter 50 4 to 5 Sept. to Nay, June, Ju	Johnson Grass	28		April to July	-	Timothy	45	8 to 10	Spring & Fall	7/2
56 40 to 50. May, June. 140 1/2 Wheat, Winter 60 40 to 60. March of April 1 to 1/2 Wheat, Winter 60 75 to 90. Sept. to Nay, June, July 1/2 Wheat, Egyptan, Shallu 50 10 to 12. May, June, July 1/2 Wheat, Egyptan, Shallu 50 10 to 12. May, June, July 1/2 Sept. 10 to 12. May, June, June	Kaffir-Milo-Feterita-Grohoma-	0	10.40		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Velvet Beans	200	15 to 30	lune to Sept	1 10 2
56 40 to 50. May, June. 1 to 11/2 Wheat, Winter 60 75 to 90 Sept. to Nov. 1 Mar., Apr., May, Aug. 1, Wheat, Egyptian, Shallu 50 10 to 12 May, June, July. 1 Sept. 10 to 12 May, June, July. 1	Kaffir-Milo-Feterita-Grohoma-	8		May, June	1 to 11/2	Vetch, Winter or Hairy	88	40 to 60	March or April.	1 to 2
50 4 to 5 May, Apr., May, Aug., Wheat, Egyptan, Shallu 50 10 to 12 May, Julie, July Sent.	Atlas Sorgo-Hegari (broadcast).	26				Wheat, Winter	96	75 to 90	Sept. to Nov.	1 to 11/2
	Kale, Thousand Headed	20	4 to 5	May,		Wheat, Egyptian, Shallu	20	10 to 12	May, June, July	1/2 to 4

*Note:—Weights per bushel for certain grasses are old standards. Good recleaned seed is usually heavier, Note:—For our own current offerings and quotations write or consult our "Keystone Komments."

VEGETABLE CROPS PLANTING CHART

		Soud for 1 Apro	. 1 Agra	Distance he	Distance hetween Rows			Time of planting	in onen around	
KIND	100 ft.	Drilled In Field	If Trans- planted	Horse Cultivation	Hand Cultivation	in rows	planting	South	1	date of seeding
Asparagus, seed	1 oz	6 lbs	1 Б	30 to 36 in	18 to 24 in	3 in	1 in	Autumn or early spring	Early spring	1 or 2 yr. (plants)
Beans, dwarf	1 lb	60 lbs	0,000	30 to 36 in	18 to 24 in	2 in	5 5	Feb., April, Aug., Sept	April to July	42 to 75 days
Beans, pole	1/2 lb	30 lbs		3 to 4 ft	3 to 4 ft	3 to 4 ft	5 5	Feb. April (Aug. Sept.)	April to August	45 to 60 days
Beet (and Swiss Chard)	1 0Z	5 lbs	4 oz.	30 to 40 in	24 to 36 in	18 to 24 in	⁷	Jan to July	Mar. and Apr.	90 to 100 days
Brussels Sprouts	1/4 0Z	2 lbs	4 oz.	30 to 36 in	24 to 30 in	12 to 16 in	1/2 in	Jan. to July	May and June	100 to 120 days
Cabbage, early	1/4 0Z	2 lbs	4 0z	30 to 36 in	24 to 30 in	12 to 18 in	1/2 in	Oct. to Dec	Mar. and Apr.	90 to 110 days
Cabbage, late	1/4 0Z	3 hs	4 0Z	30 to 36 in	12 to 18 in	2 in	1/2 in	Mar. and Apr., Sept	April to June.	55 to 80 days
Callifower	1/2 OZ	2 lbs	4 oz.	30 to 36 in	24 to 30 in	14 to 18 in	1/2 in	Jan. and Feb. (June)	April to June*	95 to 110 days
Celery	1/4 oz	1 lb	4 oz	3 to 6 ft	18 to 36 in	2 in	1/8 in	Aug. and Oct	May and June*	120 to 150 days
Collards	1/4 0Z	2 lbs	4 0z	30 to 36 in	20 to 30 in	14 to 18 m	1/2		May to Inly	55 to 90 days
Crass water	1/2 07	10103		Broadcast	30 10 30 111	710 04019 011.	water		April to Sept	60 to 70 days
Cucumber	1/2 oz	3 lbs		4 to 6 ft	4 to 6 ft	4 every 3 ft	1 in	ar. (Sept.)	April to July	50 to 70 days
Endive	78 0Z	4 lbs.	1 B	30 in	18 in	12 in	1/2 in	Feb. to April	April (July).	100 days
Kale or Borecole	1/4 0z	3 lbs		30 to 36 in	18 to 24 in	18 in	1/2 in		Aug., Sept. (Mar., April)	55 to 60 days
Kohl-rabi	1/4 0Z	4 lbs	1 lb	30 to 36 in	18 to 24 in	6 in	1/2 in		March to May	120 to 150 days
Leek	1/2 0Z 1/2 0Z	3 lbs.	-	30 in	12 to 18 in	6 4	1/2 in	Sept. to March	March to Sept	70 to 90 days
Mangel-Wurzel	1 0z	5 lbs		28 to 36 in	20 in	4 in	- i	FebApril (Aug., Sept.)	April to August	90 to 120 days
Muskmelon	1/2 0 z	3 lbs		6 to 8 ft	6 to 8 ft	4 every 4 ft	5	March to May	May and line	100 to 130 days
Watermelon	1/4 07	4 lbs		30 to 36 in	12 to 18 in	4 or 5 to ft	1/4 in	Autumn or early spring	March to May (Sept.)	60 to 90 days
Okra	2 oz	8 lbs		4 to 5 ft	3 to 4 ft	24 in	1 in	Feb. to April	May and June	90 to 140 days
Onion, seed	1 0z	4 lbs		24 to 36 in	12 to 18 in	2 10	1/2 III	Early spring or autumn	Feb. to May	100 days
Onion seed for sets	- -	50 lbs.		24 to 36 in	12 to 18 in	1/ ₂ in	1/2 in		April	90 days
Parsley	1/4 0Z	3 lbs		24 to 36 in	12 to 18 in	3 in	1/8 in	Sept. to May-Sept	Early spring	65 to 90 days
Parsnip	1/2 0 z	3 lbs		30 to 36 in	30 to 36 in	2 in	1/2 in	Sept to April	March to June	45 to 75 days
Penner	1/ ₈ 0Z	2 lbs.	4 oz.	30 to 36 in	18 to 24 in	15 in	1/ ₂ in	Early spring	May and June*	130 to 150 days
Pumpkin	1/2 oz	4 lbs		8 to 12 ft	8 to 12 ft	4 every 6 ft	1 in	April and May	May to July	75 to 90 days
Radish	1 0Z	10 lbs	9 lhe	24 to 36 in	12 to 18 in	4 in	1/2 III	Early spring	Early spring	1 or 2 yr. (plants)
Rhuharh roots	40 roots	0 1000	3500	5 ft.	4 ft.	30 in.	3 to 4 in	Autumn or early spring	Early spring	2 or 3 years
Rutabaga	1/4 0Z	2 lbs		30 to 36 in	18 to 24 in	6 in	1/2 to 1 in	Aug. and Sept	June-July	90 days
Salsify	1 0z	8 lbs	:	30 to 36 in	18 to 24 in	2 in	1/2 in	Sept. to March	Sept. & early spring	45 days is min.
Spillacii	1/2 0Z	4 lbs.		3 to 4 ft	3 to 4 ft	4 every 4 ft	5	Spring	April to June	65 to 70 days
Squash, winter	1/2 oz	2 lbs		7 to 10 ft	7 to 10 ft	4 every 6 ft	1 in	Spring	May to July	125 days
Tomato	1/8 0Z	2 lbs	2 oz	3 to 5 ft	3 to 4 ft	310 411	½ in	Aug to Oct	April and Aug	45 to 90 days
Turnip. for greens	1 0Z.	5 lbs		Broadcast	12 to 18 in		1/4 in.	Aug. to Oct.	April and Aug.	45 to 50 days
I utility for groons										And the second land of the secon

*Start in hotbed in Feb. or March.

NOTE—See page 88 for number of plants required per acre at given distances.

NOTICE—Non-Warranty. We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop.

CORNELI SEED COMPANY

NUMBER OF PLANTS PER ACRE AT DIFFERENT SPACINGS

Distances Apart	Number Plants Per Acre	Distances Apart	Number Plants Per Acre	Distances Apart	Number Plants Per Acre
12 in. x 6 in. 12 in. x 12 in. 18 in. x 6 in. 20 in. x 15 in. 24 in. x 6 in. 24 in. x 6 in. 24 in. x 12 in. 24 in. x 12 in. 24 in. x 13 in. 24 in. x 24 in. 30 in. x 4 in. 30 in. x 6 in. 30 in. x 6 in. 30 in. x 12 in.	87,120 43,560 58,000 20,912 65,340 43,560 21,780 17,420 15,520 10,890 52,292 34,848 17,424	30 in. x 20 in. 30 in. x 24 in. 30 in. x 30 in. 36 in. x 6 in. 36 in. x 12 in. 36 in. x 15 in. 36 in. x 18 in. 36 in. x 24 in. 36 in. x 36 in. 42 in. x 6 in. 42 in. x 12 in. 42 in. x 12 in. 42 in. x 24 in. 42 in. x 36 in.	10,454 8,712 6,970 29,000 14,520 11,600 9,680 7,260 4,840 24,900 12,446 6,223 4,148	48 in. x 12 in. 48 in. x 18 in. 48 in. x 24 in. 48 in. x 30 in. 48 in. x 36 in. 48 in. x 36 in. 60 in. x 48 in. 60 in. x 48 in. 60 in. x 46 in. 96 in. x 36 in. 96 in. x 96 in. 10 ft. x 10 ft. 12 ft. x 12 ft.	10,890 7,790 5,445 4,356 3,630 2,723 2,901 2,178 1,743 1,815 680 435 302
30 in. x 18 in.	11,600		-,		

HANDY REFERENCES

LUMBER MEASURE:-

To find the contents of boards, in square feet, multiply the length (in feet), by the width (in inches), and divide the product by 12.

CORD WOOD:-

A cord of wood is a pile 4 feet wide, 4 feet high and 8 feet long, and contains (4x4x8) 128 cubic feet.

LAND MEASURE:-

A tract of land 1 mile square, containing 640 acres is called a section. United States is divided by north and south lines 6 miles apart, into strips called Ranges; these are again divided by east and west lines, 6 miles apart into squares of 36 square miles, called Townships.

TO FIND THE NUMBER OF ACRES IN A TRACT OF LAND:—

Divide the number of square rods by 160. AN ACRE OF LAND

contains 43,560 square feet or 160 square rods.

CUBIC CONTENTS OF RECTANGULAR BUILDINGS OR BINS may be determined by multiplying the length x width x height.

TO FIND NUMBER OF BUSHELS IN GRANARIES AND WAGON-BEDS:—

Multiply the number of cubic feet by .8 (eight-tenths).

CORN CRIBS:-

Corn on the ear, of good quality, measured when settled, will require 21/4 cubic feet to the bushel.

HAY:

The quantity of hav in a mow or stack can only be approximately determined by measurement. Well settled timothy hay takes about 350 cubic feet to make a ton; partly settled from 400 to 450 cubic feet. Round Stack: To determine the number of cubic feet, multiply the square of the average circumference by the average height and divide by .09; then divide by 350 if well settled or 400 or 450 if partly settled. Oblong Stack: Multiply the average length x width x height and divide by 400.

CAPACITIES OF SILOS (Capacity in Tons Varies with Kind of Silage, etc.)

Height		Ins	ide Diame	eter, Fe	et	Height		Insic	le Diam	eter, Feet	t
Feet	10	12	14	16	18	Feet	10	12	14	16	18
		Capa	city, Tons	3				Capa	city, To	ns	
20	26	38	51	67	85	32	51	74	100	131	166
22	30	43	59	77	97	34	56	80	109	143	181
24	34	49	66	87	110	36	61	87	118	155	196
26	38	55	74	97	123	38	65	94	128	167	212
28	42	61	83	108	137	40	71	101	138	180	229
30	47	67	91	119	151						

WEIGHTS, MEASURES AND CALCULATIONS

MEASURE OF LENGTH

4 In. = 1 Hand.7.92 In. = 1 Link.18 In. = 1 Cubit. 12 In. = 1 Foot.6 Feet = 1 Fathom.3 Feet = 1 Yard. $5\frac{1}{2}$ Yds. = 1 Rod or Pole. 40 Poles = 1 Furlong. 8 Fur. = 1 Mile.69½ Miles = 1 Degree. 60 Geographic Miles = 1 Degree. 1760 Yards or 5280 Feet = 1 Mile.

MEASURE OF SURFACE

144 Sq. Inches = 1 Sq. Foot.9 Sq. Feet = 1 Sq. Yard. 30 $\frac{1}{4}$ Sq. Yards = 1 Sq. Rod, Perch or Pole. 40 Sq. Rods = 1 Sq. Rood.4 Sq. Roods = 1 Sq. Acre. Gunter's Chain = 22 Yards or 100 Links. 10 Sq. Chains = 1 Acre.640 Acres = 1 Sq. Mile. $272\frac{1}{4} \text{ Sq. Ft.} = 1 \text{ Sq. Rod.}$ 43,560 Sq. Ft. = 1 Acre.

MEASURE OF SOLIDITY

1,728 Cubic Inches = 1 Cubic Foot. 27 Cubic Feet =1 Cubic Yard.

TROY WEIGHT

24 Grains = 1 Pennyweight. 20 Pennywts. = 1 Ounce, or 480 Grains. 12 Ounces = 1 Pound, or 5,760 Grains.

AVOIRDUPOIS WEIGHT

27 11-32 Grains = 1 Drachm (dr.). 16 Drachms = 1 Ounce (oz.) or 4371/2 Grs. 16 Ounces = 1 Pound (lb.) or 7,000 Grs. 28 Pounds = 1 Quarter (qr.). 4 Quarters = 1 Hundred-Weight (cwt.). 20 Cwt. = 1 Ton. 2,240 Pounds = 1 Ton (long).

APOTHECARIES WEIGHT

20 Grains = 1 Scruple. 3 Scruples = 1 Drachm. 8 Drachms = 1 Ounce. 12 Ounces = 1 Pound.

DIAMOND WEIGHT

16 Parts = 1 Grain. (4-5ths Grain Troy.) 4 Grains = 1 Carat. (3 1-5th Grains Troy.)

LIQUID MEASURE

4 Gills = 1 Pint. 2 Pints = 1 Quart.4 Quarts = 1 Gallon. $31\frac{1}{2}$ Gallons = 1 Barrel. 54 Gallons = 1 Hogshead. 252 Gallons = 1 Tun.

DRY MEASURE

8 Quarts = 1 Peck.4 Pecks = 1 Bushel. 8 Bushels = 1 Quarter.36 Bushels = 1 Chaldron.1 Bushel = 2,150.42 Cubic In.

196 lbs. flour make 1 bbl. 200 lbs. beef or pork = 1 bbl.

READY MADE CALCULATIONS

135 lbs. potatoes make 1 bbl. 135 lbs, apples make 1 bbl. 280 lbs. salt make 1 bbl. 350 lbs. sugar make 1 bbl. 100 lbs. nails make 1 keg.

2150.42 cu. in. make 1 bu. 5,280 ft. make 1 mile. 1 gal. water weighs $8\frac{1}{3}$ lbs. and contains 231 Cubic In.

1 gal. milk weighs about $8\frac{3}{5}$ lbs. 1 gal. kerosene weighs about $6\frac{1}{2}$ lbs. 1 cu. ft. of water weighs about $62\frac{1}{2}$ lbs.

1/3 in, equals 1 size in measuring boots and shoes.

4 in. equals 1 hand in measuring horses.

1 link equals 7.92 in.

1 rod equals 25 links, $16\frac{1}{2}$ feet. 1 chain equals 4 rods, 66 feet.

1 mile equals 80 chains, 5,280 feet.

To find diameter of a circle multiply circumference by .31831.

To find circumference of a circle multiply diameter by 3.1416.

To find area of a circle multiply square of diameter by .7854.

To find surface of a ball multiply square of diameter by 3.1416.

To find cubic inches in a ball multiply cube of diameter by .5236.

Doubling the diameter of a pipe increases its capacity four times.

Double riveting is from 16 to 20 per cent stronger than single.

One cubic foot of anthracite coal weighs about 53 pounds.

One cubic foot of bituminous coal weighs from 47 to 50 pounds.

One ton of coal is equivalent to two cords of wood for steam purposes.

There are nine square feet of heating surface to each square foot of grate surface.

A cubic foot of water contains $7\frac{1}{2}$ gallons, 1728 cubic inches, and weighs $62\frac{1}{2}$ lbs.

Each nominal horse power of a boiler requires 30 to 35 lbs. of water per hour.

A horse power is equivalent to raising 33,000 lbs. one foot per minute, or 550 lbs. one foot per second.

KEYSTONE FLOWER SEED VARIETIES AND THEIR USES

Varieties are annuals unless marked "B" for Biennial or "P" for Perennial

KEY TO SYMBOLS

-Excellent for Borders. 2-Climbers.

3—High (Background). 4—Mass Colors.

5—Rock Gardens. 6—Semi-Shade.

7—Excellent Cut Flowers.8—Window or Porch Boxes.

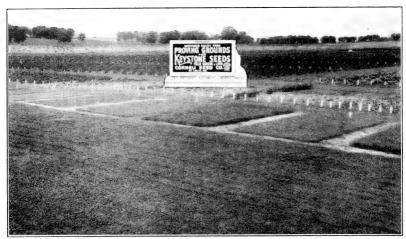
PERIODS OF BLOOM

B-Mid-S

A—Early.			C—Late				
TOWER BACKETS	Syms.	Blm.	Hght. in Ft.				Hght.
FLOWER PACKETS	1-7	B-C	1	FLOWER PACKETS Nasturtium, Ne Plus Ultra	Syms.		in Ft.
African Daisy Alyssum, Sweet Little Gem	1-6	B-C	1/2	Nasturtium, Dbl. Hybrid mixed	1-7 1-7	B-C B-C	3/4 3/4
Alvssum, Saxatile Basket of			/ 2	Nasturtium, Golden Gleam	1-7	B-C	1 74
Gold (P)	1-5	A B-C	1	Nicotiana Hybrids	3-4	В	2-3
Ageratum, Blue Perfection	1-5	B-C	2-2 1/2 3/4	Nigella Pansy, Lar. Flower (B)	5	В	2
Amaranthus Arabis alpina (P)	3 1-5	C A-B	2-2 1/2	Pansy, Car. Flower (B) Pansy, Germania or Masterpiece	1-5	A-B	1/2
Aster, Giant Comet	4-7	C		(B)	1-5	A-B	1/2
Aster, Queen of the Market	4-7	C	1 1/2 - 2	Pansy, Swiss Giant (B)	1-5	A-B	1/2
Aster, Crego Azure Blue	4-7 4-7 4-7 4-7 4-7 4-7 4-7 2	00000000	1½-2 2 2 2 2 2	Pentstemon - Beard Tongue (P)	6-7	B-C	1/ ₂ 1/ ₂ 2 1/ ₂
Aster, Crego Crimson Aster, Crego Royal Purple	4-7	16	2	Petunia, Lar. Flower Petunia, Howard Star	4-8 4-8	B-C	2 1½-1 ½-1 ½-1 ½-1 ½-1
Aster, Crego Royal Pulple Aster, Crego Shell Pink	4-7	č	2	Petunia, Rosy Morn	1-4-8	B-C B-C	1/2
Aster, Crego White	4-7	Č	2	Petunia, Alderman Purple	1-4-8	B-C	1/2-1
Aster, Crego Lavender	4-7	C		Petunia, Gloria Petunia, Rose of Heaven	1-4-8	B-C	1/2-1
Balloon Vine Balsam, Camelia Flowering	1-6	C	10	Petunia. Rose of Heaven	1-4-8	B-C	1/2-1
Balsam Apple, Climber	1.0	B B-C	1 ½ 6	Phlox, Giant Mix. Phlox, Perennial Mixed (P)	1-4-7 1-4-7	B-C A-B	1 2
Balsam Pear Climbing	2 2	B-C	6	Physalis Chinese Lantern (P)	4-5	B-C	11/2
Brachycome Swan River Daisy	1-5	B_	1	Pinks, Corneli's Sp.	1-5-7 1-5-7	B-C	i
Calendula Radio	4-7 1-5	A-B B	1-1 1/2 2/3	Pinks, Hardy Pinks, Heddewige Dbl. Mixed	1-5-7	B-C	1
Calliopsis Gold Crest Calliopsis, Mixed	1-7	A-B	1 73	Danny California	1-5-7	B-C A-B	1 1
Canterbury Bells (B)	4-7	A	2	Poppy, American Legion	4	A-B	i
Canterbury Bells (B) Candytuft Perenn.	4-7 1-7 2 4-7	B	1	Poppy, Carnorma Poppy, Merrican Legion Poppy, Oriental (P) Poppy, Iceland (P) Portulaca, Dbl. Mixed Pyrethrum roseum (P)	4-5	A	1 1/2
Cardinal Climber Carnation, Dbl. Mixed	2	B-C	15	Poppy, Iceland (P)	4	A-B	1/2
Castor Bean	4-7	B-C C	1 5-10	Purethrum recoum (P)	1-5	A-B-C A-B	1 1 1/2
Chrysanthemum	3 4-7	B-C	1	Salpiglossis	7	В	
Cockscomb, Mixed Coreopsis Grandifl. (P)	1-5	B-C	1.1 1/2	Salpiglossis Salvia, Scarlet Sage Salvia, Zurich	1-7	C C	2 2 2
Coreopsis Grandifl. (P)	4-7 4-7 5-7	A-B	2-3	Salvia, Zurich	1-7	C	2
Columbine (P)	4-7	A A-B	2 1-2	Scarlet Runner Snap Dragon, New Giant Hybrids	2 4-7	B-C B-C	10
Cosmos, Early Flowering)-/	А-Б	1-2	Statis Sinuata	7-7	B-C	1-2 2 ½
Crimson	3-7	C	3.5	Sweet Sultan, Imperial Giant			
Cosmos, Early Flowering Pink	3-7 3-7	CCC	3-5	Cornflower	4 7	A B-C	2
Cosmos, Early Flowering White Cosmos, Early Klondyke	3-7	C	25	Stocks, Mixed	7 3	B-C B	1-11/2
Orange Flare	3-7	C	3-5 3	Sunflower, Double Swt. William, Dbl. (P)	4-6-7	A	5 1-2 5 5 6-8
Cosmos, Early Double Mixed	3-7 3-7 3-7	C C C	3-5	Sweet Pea, Keystone Special	2	A	5
Cosmos, Late Crested Mixed	3-7	C	3-5	Sweet Pea, Hardy Mixed (P)	3.7	A	5
Coleus, Sunset Mixed	1-8		1-1 ½ 8	Tithonia Speciosa Thunbergia, Black Eyed Susan	3-7	B-C B-C	6-8
Cypress Vine, Mixed Dahlia, Double Mixed	2 3-4	C C C A		Verbena, Mixed	4-7-8	B-C	1/2-1
Dahlia, Single Mixed	3-4	č	3-4 3-4 1/ ₂	Verbena, New Mammoth	4-7-8 4-7-8	B-C	$\frac{1}{2} \cdot 1$ $\frac{1}{2} \cdot 1$
Daisy, Dbl. Mixed (B)	5-6	A	1/2	Vinca, Mixed	4	B-C	1/2
Daisy, Shasta (P) Euphorbia Variegate	1-7	A-B	1	Viola, Tusted Pansy (B)Virginian, Stocks Mixed	1-5-6	A B-C	1-1 1/2
Feverfew, Dbl. Wht. & Yel. (B)	3-4 4-7	C A-B-C	1.2	Wallflower	4	B	1-11/2
Forget-Me-Not (B)	5-6	A-B	1/2-3/4	Wool Flower	3	B-C	3
Four O'Clock	1-4	B-C	3	ZINNIA-DAHLIA-FLOWERED		D.C.	2
Foxglove, Shirley (B) Gaillardia, Corneli's Giant (P)	5-6 4-7	A A-B-C	1 2 1-2 1/2·3/4 3 2 2 1	Crimson Monarch Dream (lavender)	1-4-7	B-C B-C	2
Geum, Mrs. Bradshaw (P)	5-6	B A-B-C	1	Exquisite (pink)	1-4-7 1-4-7	B-C	2
Geranium, Mixed	4-8	B-C	3/ ₄ 10-20	Golden State Oriole (orange) Polar Bear (white) Mixed Colors	1-4-7	B-C	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Gourds, Mixed	2	C	10-20	Oriole (orange)	1-4-7	B-C	2
Gomphrena Globe Amaranth Gypsophilla, Paniculata (P)	7	A-B	1 1/2	Mixed Colors	1-4-7 1-4-7	B-C B-C	2
Helichrysum (Straw Flower)	7 7 3-7 1-6	B-C C	1 1/2 1 1/2 3 1/2 3 3/4	Canary Bird	1-4-7 1-4-7	B-C	2
Heliotrope	1-6	B-C	3/4		1-4-7	B-C	2
Hibiscus, Mallow Marvel (P)	3 3-4	В	4	Purple Prince Zinnia, Enchantress Pink Zinnia, Fantasy Novelty Mix	1-4-7	B-C	2
Hollyhock, Mixed (P)	3-4	A-B	3-5 20		1-4-7	B-C B-C	2
Hyacinth Bean Kochia, Burning Bush	4	C	3	Zinnia, Giant Mixed Zinnia, Haageana Double	4-7	B-C	1
Kudzee Vine (P)	2 4 2 4-7	C C	30	Zinnia, Lilliput	4-7	B-C	1-2
Lantern Plant (P)	4-7	Č	30 1 ½	Zinnia, Linearis Zinnia, Lilliput Tom Thumb	1-5	B-C	2-3 1
Larkspur, Hardy (P)	6-7	A-B	2-3	Zinnia, Lilliput Tom Thumb Zinnia, Pompom Golden Gem	4-7	B-C B-C	1-2
Linaria Fairy Bouquet Linum, perennial Blue (P)	5-7 1- 5	B B-C	1	Zinnia, Pompom Golden Gem Zinnia, Pompom Lilac	4.7	B-C	1-2
Lohelia	1-5	B-C	1/2	Zinnia, Pompom Scarlet	4-7	B-C	1-2
Lupins perennial mixed	6 4-7	C	2	Zinnia, Pompom Rose Bud	4-7	B-C	1-2
Marigold, Guinea Gold	4-7	B-C	21/2	Zinnia, Red Riding Hood	4-7 4-7 4-7 5	B-C A-B-C	172
Mignonette Moon-vine	6-7	B-C B-C	1 20	Rock Garden Mixture Fairyland Flower Garden	,	W.13	
Morning Glory	2 2.4	B-C	25	Mixture		A-B-C	
Mourning Bride	7	B-C	2 1/2				

Note: For quotations and varieties not listed above, consult our current wholesale Flower Seed Price List.

KEYSTONE GRASS SEED



GRASS TESTING PLOTS-KEYSTONE VALLEY FARM, ST. LOUIS, MO.

The famous blends and refined Keystone grades of pure grasses stands out in actual planting as much as they did in the above test plots. The scientific process and combinations involved in the making of our blends has been developed after years of research by our grass division. There is nothing that is more delightful and pleasing than a fine lawn and we list below some of our well known mixtures and straight grasses that will so ably do the work.

M KEYSTONE SUPREME MIXTURE

A scientific blend of the finest permanent lawn grasses known, mixed in just the proper proportions to give most excellent results for county and rural homes and estates; cleaned to perfection and practically weed free. Contains seed from New Zealand, Denmark, Oregon, Missouri, and Illinois. Keystone Supreme Mixture contains a good percentage of certified Seaside Bent Grass, a fine bladed creeping variety.

EXEXISTONE SHADY LAWN

A combination of the better shade grasses expertly blended in proper proportions to give exceptional results in shady places.

**** KEYSTONE CITY LAWN**

An especially prepared mixture of the more suitable permanent grasses for city lawns where adverse soil and climatic conditions are prevalent caused by a combination of acid soil, coal smoke and hot summers. Through its continued outstanding performance and moderate price, Keystone City Lawn Mixture has been the leader in St. Louis area for several years and now its popularity is growing rapidly throughout the middle west.

MOUND CITY LAWN

A blend of good, quick growing grasses for use where a quick turf is wanted in soil of poor to medium fertility. It makes a good lawn even if sown late in spring.

STRAIGHT VARIETIES

Be sure to specify Keystone when ordering any of the following grass seed. In doing so, you are assured of fine quality, selected, cleaned and tested seed. Our grasses are produced in the finest of growing areas to assure high quality seed with strong vitality.

®KEYSTONE BLUE GRASS CANADA BLUE GRASS POA TRIVIALIS

CHEWING FESCUE RED TOP RYE GRASS BERMUDA GRASS BENT GRASS MEADOW FESCUE WHITE DUTCH CLOVER

æThese items available treated with both plant harmones and Vitamin B₁—in small 1 and 5 lb. bags only.

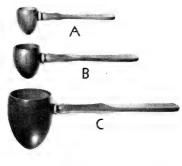
The handling and care in the establishing and maintaining of a good lawn is very important. Our staff is equipped and prepared to give helpful suggestions to any questions and inquiries that may arise.

KEYSTONE SPEEDY SEED SERVICE



The Newest and
Speediest Way to
Dispense Bulk
Garden Seeds





This completely new system of displaying and dispensing fresh Keystone bulk garden seed benefits both dealer and customer:

- ★ by providing compact, attractive display for easy selection and quick service
- ★ by preventing mixture of seeds
- ★ by bringing the advantages of fresh, high quality, economical bulk seeds to new thousands

NOTE—Dealers ask for KEYSTONE SPEEDY SEED SERVICE descriptive illustrated folder giving full information. The cabinet pictured above together with our A-B-C-Measuring Scoops, Price Chart and Price Stickers enables the dealer to efficiently serve more customers quickly.

VITAMINS RELATIVE FOOD VALUE OF AN AVERAGE SERVING OF VARIOUS VEGETABLES (Selected from the book "Food Values in Shares and Weights" by Prof. Clara Mae Taylor, The Macmillan Co., Publishers)

FOOD	Weight Oz.	Approxi- mate Measure	Calo- ries	Pro- tein Gms.	Cal- cium Mgs.	Iron Mgs.	Vita- min (A) I.U.	Thia- min (B ₁) Mgs.	Ascorbic Acid (C) Mgs.	Ribo- flavin (G) Mgs.
Asparagus (Fresh)	3.5	12 stalks	26	2.2	21	1.00	500	. 165	20(CK	(100
Beans, Green (Steamed)	2.4	$\frac{1}{2}$ cup	28	1.4	37	0.80	800	.042	10	.072
Beans, Lima (Steamed)	2.9	$^{1}_{2}$ cup $^{1}_{2}$ cup	100	6.0	23	1.95	405	. 121	12	. 203
Beans, Lima (Dried)	3.9	$\frac{1}{2}$ cup	150	7.8	30	3.75	45	. 294		.344
Beans, Navy (Dried, CK)	3.3	1/2 cup	135	8.8	58	3.88		. 195	_	.126
Beans, Soy (Dried)	1.0	1/8 cup	100	11.5	69	1.95	30	. 435	_	.778
Beet Greens (Steamed)	3.5	1/2 cup	33	2.0	95#	3.27	+++	++	18	.625
Beets (Fresh, Steamed)	3.5	2 beets	50	1.8	30	0.93	100	.054	4	.095
Broccoli (Steamed)	2.0	$\frac{1}{2}$ cup	20	1.9	81	0.80	3440	.026	15	. 201
Brussels Sprouts (Steamed)	3.5	7 sprouts	58	4.4	27	1.21	400 .	.171	32	+
Cabbage, Chinese (Shredded		1/2 cup	10	0.9	32	0.62	870	.048	16	.046
Cabbage (Shredded)	1.5	$\frac{1}{2}$ cup	13	0.7	19	0.30	25	.045	30	.043
Cabbage (Steamed)	3.0	½ cup	40	2.0	58	0.90	70	.087	18	.128
Cantaloupe (Raw)	13.6	$\frac{1}{2}$ melon	50	1.1	31	0.71	820	.106	55	.137
Carrots (Steamed)	2.3	$1\frac{7}{2}$ cup	30	0.7	31	0.41	2045	.056	2	.059
Carrots (Raw)	1.9	1 carrot 4"	25	0.6	25	0.34	1710	.054	2	.049
Cauliflower (Steamed)	2.9	1/4 head	25	1.7	18	0.77	40	.093	21	.152
Celery (Raw)	$^{2.2}$	4 pieces	12	0.8	51	0.40	15	.022	4***	.027
Chard, Swiss (Steamed)	3.5	$\frac{1}{2}$ cup	30	1.5	#	3.35	16700	+	20	.097
Corn, White (Canned)	4.5	1/2 cun	125	3.2	6	0.45	##	.128	8	+
Corn, Yellow (Steamed)	3.4	1/2 cup	100	3.3	6	0.46	500	.131 (R)	9(R)	.060
Cucumbers (Raw)	3.5	14 slices	14	0.7	10	0.35	35	.090	8	.075
Eggplant (Fried)	1.9	1 slice	135	3.5	19	0.68	215	.030	_	.063
Endive, French (Raw)	3.5	2 stalks	24	1.6	74	1.20	++	.099	12	.235
Escarole, Green (Raw)	3.5	4 leaves	20	1.6	$7\overline{4}$	1.50	20000	.084	8	.250
Honeydew (Raw)	2.4	1/2 cup	$\frac{20}{24}$	0.4	171	1.50	20000	.031	5	. 200
Lettuce (Raw)	2.0	*Iceberg	10	0.7	32	0.65	220*	.050	8	.097
Mustard Greens (Steamed)	2.3	½ cup	20	1.6	143	3.64	13000	.090(R)	18	.244
Onions (Raw)	2.2	1 medium	30	1.0	20	0.30		.039	6**	.028
Parsnips (Steamed)	2.9	4 pieces	50	$1.0 \\ 1.2$	46	0.59	trace	.119(R)	11	+
Peanuts (Raw)	0.3	10 kernels	50	$\frac{1.2}{2.3}$	6	0.18		.050	11	.032
Peas (Canned)	4.2		65	4.5	15	1.31	735	.295	7	.165
Peas (Steamed)	2.1	$\frac{1}{2} \sup_{1} \frac{1}{2} \exp$	65	4.5	15	1.31	745	.317	7	.146
Peppers (Raw)	$\frac{2.1}{2.4}$	1 pepper	20	0.8	8	0.27	3450	.017	83	.027
Pickles (Sweet)	1.8	4 small	40	$0.8 \\ 0.2$	10	0.30	9490	.017	00	.021
Popcorn (Popped)	0.6	1 cup	65	1.8	3	$0.30 \\ 0.32$		+		+
Potatoes, Sweet (Baked)	5.8	1 medium	200	3.0	53	1.26	4050	. 053	10	.146
	$\frac{3.8}{4.2}$	1 medium	100	$\frac{3.0}{2.6}$	14	1.10	4030	. 131	7	
Potatoes, White (Baked) Radishes (Raw)	$\frac{4.2}{3.5}$	10 roots	30	1.3	32	0.85	trace	. 075	16	.072
				0.2						.030
Rhubarb (Stewed)	3.9	$\frac{1}{2}$ cup	100		15#	0.20	35	.007	6	000
Rutabagas (Steamed)	4.3	$\frac{1}{2}$ cup $\frac{1}{2}$ cup	50	1.1	90	0.61	15	.078	25	.092
Sauerkraut	2.6	2 cup	20	1.3	30	2.48	20	.019	4	+
Spinach (Steamed)	2.9	$\frac{1}{2}$ cup	20	1.7	###	2.10	16600	.067	14	.290
Squash, Hubbard (Steamed)	3.5	½ cup	42	1.5	18	0.53	3000	.048(R		.081
Squash, Summer (Steamed)	3.5	1/2 cup 1/2 cup 1/2 cup	18	0.6	17	0.33	300	.032	2	.081
Strawberries (Raw)	3.6	½ cup	40	1.0	22	0.70	75	. 020	39	trace
Tomato Juice (Canned)	8.8	1 cup	60	2.4	15	1.50	2130	. 230	58	.125
Tomatoes (Raw)	5.1	1 medium	30	1.7	14	0.65	1240	. 136	33	.073
Turnip Greens (Steamed)	3.2	$\frac{1}{2}$ cup cup	30	2.4	208	2.84	16400	.113	16	.287
Turnips, White (Steamed)	3.1	$\frac{1}{2}$ cup	25	0.9	43	0.38	11	. 033	11	.054
Watercress (Raw)	3.5	1 bunch	20	1.6	143	2.70	1900	. 125	55	.225
Watermelon (Raw)	11.7	1 slice	100	1.3	$_{\circ}27$	0.77	250	.117	23	.117

⁽R) Raw (CK) Cooked

Values not known.

^{*}Iceberg bleached leaves; green leaves or Romaine 10 times as much vitamine A and 5 times as much riboflavin. **Loss in cooking 45 per cent.

^{***}Loss in cooking 30 per cent.

[#]Doubtful availability.

^{##}Value not significant unless corn is yellow.

^{###}Not available.

⁻Not contained or in sufficient quantity to be mentioned.

⁺⁺⁺Excellent source.

⁺⁺Good source.

⁺Fair source.



Dealer Price List

IMPORTANT — When Ordering Always State Name of Seed or Give Culture Group Letter. All Prices F. O. B. Shipping Point.

	Outline Cloup metter				
Culture	Legume Seed to Be Inoculated	Can Sizes	Amount of Seed Can Sizes will Inoculate	Units per Car- ton	Dealer Sume Unit Price Price
Ā	Alfalfa Sweet Clover, Bur Clover, Hubam Clover	½ bu. 1 bu. 2½ bu.	30 lbs. 60 lbs. 150 lbs.	12 12 6	\$.19 \$.3 .32 .5 .65 1.0
В	Clovers Medium and Mammoth Red, Alsike, Crimson & White Clovers	½ bu. 1 bu. 2½ bu.	30 lbs. 60 lbs. 150 lbs.	12 12 6	\$.19 \$.3 .5 .65 1.0
	All Vetches—Hairy, Spring, Wild, Hun- garian, Common Peas		of inoculats Alfalfa an (Not halfalfa 30 lbs.	d Clo	
С	Austrian, Canadian, Garden & Sweet. Broad Beans, Lentils	1 bu. [13/3 bu.] [100 lb. size] 121/2 bu.	60 lbs. 100 lbs. 750 lbs.	12 12 6	.23 .3 .32 .5 2.35 3.5
D	Beans String, Snap, Wax, Navy, Kidney and Scarlet Runner	1/2 bu. 1 bu. [13/3 bu.] [100]b.size]	30 lbs. 60 lbs. 100 lbs.	12 12 12	\$.16 .23 .32
* E	See below. Peanuts, Cowpeas Lima, Velvet and Mung Beans. Kudzu, Crotalaria, Beggar- weed, Alyce Clover *	Smallsize 5 bu. 25 bu.		12 6 6 6	\$.20 \\$.3 \\ .37 \\ 1 .67 \\ 2 .17 \\ 3 .2
L	Lespedeza All varieties Unhulled or hulled	When order "so many sn Smallsize Large size	50 lbs.	inocul "so ma 12 12	ation merely sainy large sizes. \$.23 \$.3 .5
* S	See below. Soybeans All varieties	Use small si Small size 5 bu. 25 bu. 30 bu.	120 lbs. 300 lbs. 1500 lbs. 1800 lbs.	12 6 6 6	\$.20 \\$.3 .37 .5 1 .67 2 .5 2 .17 3 .2
	Garden Size Garden Peas, Sweet Peas, Beans, Lima Beans and Lupines	Packed in foil lined envelope	Ea. Pkg. Will In- oculate Up to 6 lbs. seed	12	Per Carton Each \$.80 \$.10

The 30 bu. size "E" and "S" as listed above is our regular carton which contains six 5 bu, size cans. The dealer can sell the unbroken carton or break it to fill inoculation orders for 5, 10, 15, 20, or 25 bushels of seed.

Dealers please order 5 bu, sizes in carton lots. The consumer can buy culture "E" and "S" for 25 bushels of seeds in five—5 bu, size units or buy the single 25 bu, size can whichever he prefers with very little difference in price.

† Use small size Lespedeza to inoculate up to 50 lbs. of seed.

SPECIAL CULTURES. Please write us before ordering cultures not listed.
Such orders cannot always be filled promptly.

Distributed by

CORNELI SEED CO. St. Louis, Mo.



The Oldest and Most Widely Used Inoculant in America

Encourage the farmer to inoculate all legume seeds whether planted on old or new fields. It costs but a few cents per acre. It seldom pays to depend upon natural inoculation.

YOU BUY INOCULATION ON FAITH:—You cannot see the nitrogen-fixing bacteria. They are visible only under a high-power microscope and not to the naked eye. Immediate demonstration therefore is impossible; consequently you must purchase legume bacteria on faith and faith only.

- NITRAGIN is the oldest and most widely used inoculator in America.
- NITRAGIN has served the American farmers for over forty-three years.
- NITRAGIN was awarded a GQLD MEDAL at World's Fair, Sa Louis, 1904.

Insist on NITRAGIN inoculation. ACCEPT NO SUBSTITUTE.

NITRAGIN COMPANY DEALER HELPS

- 1. National Advertising in Farm Papers. Radio Broadcasts.
- 3. Circularizing your mailing list.
- Posters and Metal Signs.
 Educational Circulars and
 - Booklets.
- 6. Wire Counter Display Racks.

DEALER EXCHANGE POLICY

You purchase NITRAGIN outright from your jobber at regular terms. NITRAGIN is not consigned.

As a service because of the expiration date on all NITRAGIN labels, all NITRAGIN left over should be returned immediately at end of season to your jobber for credit.

ORDER NITRAGIN IN CARTON LOTS

For convenience in handling and shipping, please order NITRAGIN in full carton lots, if possible.
See price list other side for number of units packed in each

Reduce your left-over stock at end of year by ordering smaller lots and ordering more often during season.

Good Wholesale Seed Firms Almost Everywhere Sell Nitragin Order Nitragin From Your Jobber

CONDITIONS OF THIS PRICE LIST ARE SUBJECT TO CHANGE AS FOUND NECESSARY TO COMPLY WITH ANY

FUTURE RULINGS OF THE U.S. GOVERNMENT. NITRAGIN is Prepared Exclusively in the Laboratories

COMPANY, NITRAGIN Milwaukee, Wisconsin 3747 No. Booth St.

Printed in U.S. A. FORM 500

ORDER

KEYSTONE BULK GARDEN SEEDS CORNELI SEED COMPANY to CORNEL

.....19

Gentlemen,

Please enter this order for shi	pment a	as foll	ows:												
Invoice To			When Ship												
Address	AddressShip To														
Address				Signature of Purchaser											
NOTICE: Corneli Seed Co. gives no warranty, expr	ess or implied	as to descr	iption, quality, productiveness	or any other ma	tter of any se	eds, bulbs	or plants it sells and will not be responsible for t	he crop.							
Lbs.	Price	Lbs.			Price	Lbs.		Price							
ASPARAGUS Mary Washington (Rust resist)			BEANS (Cor Dwarf Lima Bear				BEETS (Cont.) Edmand's Blood Turnip								
			Henderson's Bush Lima				Extra Early Egyptian Dark Red								
BEANS Green Podded Dwarf			Jackson Wonder Speckled .Old Florida Butter Bush				Strawberry Crosby (light red)								
Black Valentine (old type)	·····		Wood's Prolific												
Black Valentine Stringless	ļ		Pole Bean	8		************	Swiss Chard, Lucullus								
Black Valentine Stgl. (Rd. Pod)	ļ		Alabama No. 1				SwissChard, French Dk. Green, Broad Wh.	***************************************							
Bountiful Burpee's Stringless Green Pod, Imp			Blue Lake				Swiss Chard, Fordhook Giant								
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Burgers Stringless (Wh. S				Giant Half Sugar Rose								
Dixie White			Dutch Caseknife				Golden Tankard								
Dwarf Horticultural			Golden Cluster Wax				Mammoth Long Red	***************************************							
Fordhook Favorite	***************************************		Ideal Market				Improved White Sugar	************							
Full Measure			Kentucky Wonder				Danish Sludstrup								
Giant Stringless Green Pod			Kentucky Wonder, Rust	Resist			BROCCOLI								
Keystone Valley Stringless			Kentucky Wonder Wax				Italian Calabreese								
Landreth Stringless Green Pod			Lazy Wife				Long Island Improved.								
Plentiful			.London Horticultural Pol	·····		***************************************	CABBAGE								
Red Valentine	***************************************		.McCaslan				All Head Early								
Red Valentine Stringless.			.Missouri Wonder				All Seasons								
Refugee, Stringless Green Pod			Red Speakled Cut Short				.Charleston Wakefield	***************************************							
Refugee, Mosaic Resistant			St. Louis Perfection White	······			.Copenhagen Market	,							
Tendergreen (New Stringless)			.Scarlet Runner				.Keystone Copenhagen (Extra Select)								
Tennessee Green Pod.			.Striped Creaseback				.Corneli's Late Flat Dutch								
Tennessee Green Fod.	*************		.Tennessee Wonder (Egg F	[arbor]			.Danish Ball Head, Short Stem								
Field Beans (Hand Picked)			.White Cornfield Improved				KeystoneDanishRoundHead,ShortStem								
Fava, Giant Seville			White Creaseback				Early Drumhead								
Great Northern			.Yardlong				Early Dwarf Flat Dutch								
Michigan Navy (Michelite)			Pole Lima Be				Early Jersey Wakefield								
Pinto Beans			.Christmas Lima		*		Glory of Enkhuizen								
Red Kidney (Dark)			.Florida Butter Speckled				Golden Acre								
White Kidney			.King of the Garden Lima.		77										
White Marrow			Large White Lima or Butt	er	. w		Large Late Drumhead								
Wax Podded Dwarf			Old Florida Butter Pole		. The state of the		Late St. Louis Market								
Black Wax (Pencil Pod)	ļ		Small White Lima or Sieve Edible Soy E				The state of the s								
BrittleWax(RoundPodKidneyWax)	***************************************		Aoda	earis			Savoy, Early Dwarf Ulm								
Davis Stringless Wax			Bansei				.Savoy, Perfection Late Drumhead								
Golden Wax, Improved			, 2011001				Stein's Flat Dutch								
Golden Wax, Top Notch.	·····		BEETS				.Succession.								
Improved Stringless Kidney Wax			.Crimson Globe				Yellows Resistant								
Dwarf Lima Beans	 		.Crosby's Egyptian				All Head, Select								
Baby Fordhook			.Detroit Dark Red				Detroit (Golden Acre Y. R.)								
Early Baby Potato			Detroit Perfected (Excelle	nt Canner)			Globe (Glory of Enk.)								
Burpee's Large Bush Lima	L		Early Blood Turnip				Jersey Queen								
Burpee's Impr. Bush Lima			Early Eclipse				Marion Market								
Fordhook Bush Lima	Ji		Early Wonder		l		Wisconsin, All Seasons								

	Price Lbs.		Price	Lbs.		P
CABBAGE (Cont.)		SWEET CORN (Cont.)			KALE or BORECOLE	
Yellows Resistant (Cont.) Wisconsin Ballhead		White Varieties (Cont.)			Dwarf Blue Curled Scotch	
Wis, Hollander No. 8		Howling Mob.			Dwarf German Greens	ļ
Red Cabbage		Long Island Beauty (Late Mammoth)			Dwarf Green Moss Curled Scotch	
Keystone Red Rock Med. Early		Stowell's Evergreen			Siberian Improved	ļ
Mammoth Red Rock		Stowell's Evergreen, Canner Strain				
Chinese Cabbage		Vanguard			KOHL RABI	
Wong Bok		Yellow Varieties			Early Purple Vienna	
Chibli		Golden Bantam (8 row)			Early White Vienna.	1
Pe Tsai		Golden Evergreen, Mid Season				†
CARROTS		Whipple's Yellow			LEEK	
Chantenay		Wonder Bantam, Barden's (8 row)			Large London Flag	
Chantenay, Red Core					HERBS	
Chantenay Long Type (Perfection)		Early White Table Varieties			Basil Sweet	
Corneli's Coreless		Early Adams		***************************************	Caraway	1
Danver's Half Long		Extra Early Adams			Cardoon	····
Danver's Red Core		Snowflake			Chives	1
Imperator		Trucker's Favorite		*************	Coriander	
Improved Long Orange		POP CORN SEED		***************************************	Cress, Curled	
Nantes	ļ	Japanese Hulless (white)			Dandelion, Imp. Thick Leaf	1
Ox Heart or Guerande		Golden Queen (yellow)		***************************************		
Tampa Market		South American Dynamite (yellow)			Dill—Long Island Mammoth	
Tendersweet		CORN SALAD			Sorrel, Broadleaf	ļ
Touchon (Imp. Nantes)		Large Leaved CUCUMBER			,	Ι΄.
White Belgian		A. & C.	L		Summer Savory	
Yellow Belgian		Arlington White Spine			Sweet Marjoram	
CAULIFLOWER Earliest Dwarf Erfurt, Extra Select		Boston Pickling	ļ		Sweet Thyme	1
Early Snowball—Extra Select					.Water Cress	
Super Snowball—Madsen		Colorado	ļ		LETTUCE	
		Davis Perfect			Big Boston	ļ
Snowdrift CELERY		Deltus, Extra Long Dark Green	ļ		Black Seeded Simpson	ļ
Celeriac, Erfurt		Early Fortune			Brown Dutch Winter	ļ
Easy Blanching.		Early Green Cluster			Cabbage or Butter	
Fordhook or Emperor		Early Short Green			California Cream Butter	
Giant Pascal	1	Evergreen White Spine, Extra Long			Chicken Lettuce	1
Golden Plume, Blocky	ļ	Gherkin or Burr			Corneli's No. 16	
Golden Plume Long Heart		Japanese-Climbing			Crisp as Ice	ļ
Golden Self Blanching (Dwarf)		Longfellow			Early Curled Simpson (White Seed)	
Utah Pascal		Long Green Improved		ļ	Grand Rapids, Foreing	ļ
White Plume		National Pickle	ļ		Hanson	
Old Seed (for flavoring)	ļ	Snow's Perfection Pickling	ļ		Hardy Green Winter	ļ
COLLARDS		Stays Green (Black Diamond)	ļ		Iceberg	ļ
Blue Stem		Stays Green (Long Strain)	ļ		Imperial #44	1
Cabbage		Straight Eight			Imperial #847	
Georgia		Sunnybrook			May King	
SWEET CORN Hybrids and Topcrosses		Tax Payer.			New York Wonderful	
Carmeleross		White Wonder			New York #515 (Improved)	
0 8 0 11 0 1 11 11	l 1	Woodruff's Hybrid (Clarks Special)			New York No. 199	1
G . G . H . H . L . M . M . M . M			1	[Oak Leaved	1
Country Gentleman Hybrid (III.) (8x6)	1	EGG PLANT			Prize Head	1
Golden Cross Bantam Hybrid		Black Beauty	ļ		St. Louis Market	1
Ioana Ioana	I	Early Long Purple			Trianon or Paris White Cos.	1
	l	Florida High Bush			Unrivalled.	1
Keystone Evergreen Hybrid	l	Ft. Meyers Market	ļ		White Big Boston	ĺ
		Manatee Special	ļ		Bird (Feed) White.	1
Marcross No. 39 Topeross		New Orleans Market			(Feett) White	1
Narrow Grain Evergreen 14x11		New York Improved			†	1
Narrow Grained Evergreen (14x13)		ENDIVE		MU	SKMELON AND CANTALOUP	E
	***************************************	Batavian Full-Hearted			Green Fleshed Varieties	
White Varieties		Florida Deep Heart			Eden Gem or Netted Gem	ł
Black Mexican		Green Curled, Pink Ribbed (Pancalier).			Hackensack, Extra Early	
Country Gentleman		Green Curled Ruffec	·		.Hackensack, Large	
Early Evergreen		White Curled	1	1	Honey Dew	1

bs.		Price	Lbs.		Price	Lbs.		F
US	KMELON AND CANTALOUPE Pink or Orange Fleshed Varieti	Cont.)		OKRA or GUMBO Clemson Spineless		Ex	GARDEN PEAS (Cont.) tra Early and Early Varieties (C	ont
	Banana			Dwarf Green			Premium Gem (Little Gem)	ļ
	Bender's Surprise			Dwarf Long Pod Green			Thomas Laxton	
	Burrell's Gem			Long Green (Perkins Mammoth Tall)			World's Record.	
	Emerald Gem							
	Hale's Best, Jumbo			Louisiana Green Velvet		***************************************	Second Early and Late	
				Louisiana White Velvet (Lady Finger)			Alderman	
	.Hale's Best, Improved No. 36			White Velvet		************	Bliss Everbearing	
	.Hele's Best, No. 936			ONION			.Champion of England	
	.Hale's Best No. 45 (Mildew Res.)			Australian Brown			.Creole (Southern Variety)	
	Hearts of Gold			Bermuda Yellow (Teneriffe)			Dwarf Alderman	
	.Honey Rock (Sugar Rock)			Crystal Wax, Teneriffe			.Dwarf Gray Sugar, Edible Pods	
	.Keystone Winner (New H. B.)			Danver's Yellow Globe			Dwarf Telephone	
	Osage (Salmon Flesh) (Millers Cream)			Early Yellow Globe			Perfection.	
	Perfecto Improved			Early Yellow Grand				1
	Pollock 10-25 (Salmon Tint)			Ebenezer or Japanese Yellow		***************************************	.Tall Melting Sugar, Edible Pods	
	Pride of Wisconsin			.Mammoth Silver King (Imported)			Telephone	1
	Tip Top			Mountain Danvers (Yellow Globe)			White Marrowfat, Large	ļ
	<u> </u>			Philadelphia White Silver Skin			Brown Sugar Crowder	
N	TALOUPE SEED, Crown Set (Packed in 1 lb. and 25 lb. Sealed bags)			Red Wethersfield, Large			California Black Eye (Large)	
	Hale's Best, Jumbo			Southport Red Globe			Dwarf Calif. Black Eye No. 8145	
	Hale's Best, Improved No. 36			Southport White Globe				
				Southport Yellow Globe			Canadian, Yellow	1
	Hale's Best No. 936	***************************************		St. Louis Frost Proof		•••••		
	.Hale's Best No. 45 (Mildew Res.)			Sweet Spanish, Yellow (Utah)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	White Cream Sugar Crowder	
	.Keystone Winner			Keystone Yellow Sweet Spanish #6			.White LadyPEPPER	
	Alabama Sweet			White Lisbon, Bunching	***************************************		Pungent or "Hot" Varieties	
	Black Watson						Anaheim Chili	ļ
	California Honey (Ice Box Size)			White Portugal			.Bird (Feed) Hot.	
	Cletex, Spotted Watson			White, Sweet Spanish			Hungarian Wax	
	Cuban Queen (Black Seed)			Yellow Giant Prizetaker			Long Red Cayenne (Slim)	
		***************************************		ONION SETS				
	.Dixie Queen (Small White Seed)		1	ONION SETS			Tobasco	-
	Early Kaneas			Red, per bu. of 32 lbs.		************	Sweet Varieties	
	Florida Giant or Black Diamond			White, per bu. of 32 lbs.	***************************************		.California Wonder	
	.Georgia Rattlesnake	••••••		Yellow, per bu. of 32 lbs.			Calwonder, Early	
	Golden Honey			Yellow Bermuda, per bu. of 32 lbs		***************************************	.Chinese Giant	
	Graystone			Crystal Wax, White, per bu. of 32 lbs ONION PLANTS			.Corneli's Special (New Imp.)	
	Halbert's Honey		1	Yellow Bermuda, per crate of 6000			.Florida Giant	<u> </u>
••••	Harris' Early			Crystal Wax, per crate of 6000			Fordhook	1
	Irish Grey			PARSLEY			Golden Queen, Large Yellow, Sweet	
	Kleckley's Sweet or Monte Cristo			Doubled Curled			.Harris' Early Giant	
	Red Citron			Hamburg, Edible Root			King of the North	
	Round Light Icing			Moss Curled		***************************************	Large Bell or Bullnose	
	Stone Mountain or Dixie Bell	<u>-</u>		Plain		***************************************	Pimiento or Perfection	
	Sweetheart			PARSNIP			Ruby Giant	1
	.Tom Watson, Improved			Harris (Model Long Smooth)				
	Will Rogers.			Large Hollow Crown			Ruby King (Select)	
	Wondermelon (Imp. Kleckley's Sweet)			Improved Guernsey			.Sunnybrook or Tomato	
				GARDEN PEAS Extra Early and Early Varieties			Sweet Banana (All America)	+
	Wilt-Resistant Strains		1	Alaska Wilt Resistant			Wonder Giant	
****	Imp. Hawkesberry (Grey Shipper)					***************************************	World Beater N. J. Res. No. 13	
	.Kleckley's Sweet No. 6			American Wonder			World Beater	
	.Klondyke Dark Green R7			Dwarf Tom Thumb			Dilamera	
	Leesburg						PUMPKIN	
	Stone Mountain No. 5		1	First and Best (First of All)			Connecticut Field (Big Tom)	
	MUSTARD			Gradus			Cushaw Crookneck, Golden	
	Black (common)			Hundredfold			.Cushaw Crookneck, Green Striped	
	Chinese Broad Leaf			Laxtonian		***************************************	.Cushaw Crookneck, White	
****	Florida Broad Leaf		ļ	Laxton's Progress			Early Sugar	
	Fordhook Fancy Curled			Laxton's Superb (Early Bird)			Japanese Pie	
	Southern Giant Curled			Little Marvel			Kentucky Field	+
	Southern Giant Curled, Long Standing			Mammoth Pod, Extra Early			King of the Mammoth	ļ
			1	Meteor (Very Early Dwarf)		1	Large Cheese (Cheese Box Type)	
			***********	.i.Meteor (Very Early Dwart)		***********	Large Cheese (Cheese Dox Type)	

Lbs.		Price	Lbs.		Price	Lbs.		Price
200,	RADISH			SQUASH (Cont.)			TURNIP	State
	Cherry Red			Fall and Winter Varieties			Aberdeen Yellow (Purple Top)	
	Crimson Giant		•••••	Hubbard, Improved			Amber Globe (Green Top)	
	Early Long Scarlet, Short Top			.Hubbard, Chicago Warted			Extra Early Purple Top Milan	
-	Early Scarlet Turnip			.Winter Crookneck, Golden			Extra Early White Milan	
	Early Scarlet Turnip, White Tip			.Connecticut Seed Leaf			Japanese Shogoin	************
	Early White Turnip			.Havana (Imported)			Long White Cowhorn	***********
***************************************	French Breakfast			Missouri Broad Leaf			Pomeranean White Globe	
•••••	Icicle			.White Burley			Purple Top, Strap Leaved	************
***************************************	Long Brightest Scarlet, Cardinal			Judy's Pride			Purple Top, White Globe	
***************************************	Long White Lady Finger			TOMATO			Red Top White Globe, Early	
***************************************	Saxa			Bonny Best			Seven Top or Winter Greens	*********
	Scarlet Ball		•••••	.Break O'Day (Wilt Res.)			Snowball	
	Scarlet Globe, Early		************	.Brimmer.			Southern Prize	
***************************************	Scarlet Globe Early, Special (Short Top)		***************************************	Chalk's Early Jewel			White Egg	
•••••	Sparkler White Tip			.Dwarf Champion (Tree Tomato) .Dwarf Ponderosa			White Flat Dutch, Strap Leaved	
***************************************	St. Louis White Summer.		•••••	.Dwarf Stone			RUTABAGA	
	Strasburg White Summer			.Earliana	-		American Yellow, Purple Top	
***************************************	Yellow Summer Turnip			Early Detroit			Golden Neckless	
	Fall and Winter Varieties			Early Baltimore (Wilt Res.)			Sweet German	
				.Golden Queen		K	EYSTONE FLOWER SEED Write for Full List	S
***************************************	Long Black Spanish			.Greater Baltimore			NASTURTIUM	
***************************************	Round Black Spanish Rose Colored China			.Grothen's (Red Globe) (Wilt Res.)			Dwarf Mixed	
***************************************	RHUBARB			.Gulf State Market			Tall Mixed	
	Victoria			.Indiana Baltimore			Golden Gleam	
***************************************	Linneus (Red)			.King Humbert (Italian Pomodoro)			Double Gleam Hybrids	
	SALSIFY			John Baer			Double Scarlet Gleam	*************
************	Mammoth Sandwich Island SPINACH			June Pink			SWEET PEAS	
	Bloomsdale, Savoy, Re-selected			.Livingston's Beauty			Corneli's Prize Spencer Mixed	
***************************************	Bloomsdale, Dark Green			.Livingston's Globe			Cupid or Dwarf, Mixed	
	Bloomsdale Blight Resistant			Louisiana Pink			Early Flowering Spencer Mixed	
	Bloomsdale, Long Standing		•••••	Louisiana Red			Spencer Mixed	
	Flanders Broad Leaf			.Marglobe (Wilt Res.)			Spencer Special Blend	
***********	Giant Thick Leaf, Nobel			.Master Marglobe (Wilt Res.)			ZINNIA	
*****	Heavy Pack			Marhio (New Pink Marglobe)			Dahlia Flowering Mixed	
	King of Denmark			Ox Heart			.Giants of Calif., Mixed	
***************************************			***************************************	Ponderosa			Lilliput, Mixed	
***************************************	Old Dominion, Blight Resistant			Ponderosa, Yellow			KEYSTONE GRASS SEEDS	
***************************************	Viking Virginia Savoy			Pritchard (Scarlet Topper) (Wilt Res.)			City Lawn Mixture (Bulk)	
	Viroflav			Red Rock			City Lawn Mixture in 1-lb. cotton bags	************
	Prickly Seeded Varieties			Rutgers (Wilt Res.)			City Lawn Mixture in 3-lb. cotton bags City Lawn Mixture in 5-lb. cotton bags	***************************************
	Corneli's Giant			San Marzano			Kentucky Blue Grass (Bulk)	
***************************************	Hollandia (Prickly Winter)			.Stokesdale			Ken. Blue Grass in 1-lb. cotton bags	
	Summer Varieties Cocozelle or Italian Vegetable Marrow		•••••	Stone, Improved			.Ken. Blue Grass in 3-lb. cotton bags	
	Early Summer Crookneck, Yellow		•••••	.Red Cherry			.Ken. Blue Grass in 5-lb. cotton bags	
	Early White Bush Scallop		***************************************	.Red Pear			White Dutch Clover (Bulk)	
	Early Prolific Straightneck			Yellow Pear			.White Dutch in 1-lb. cotton bags	************
	Early Yellow Bush Scallop.			Yellow Plum			Rye Grass	
***********	G: 1 G1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			STATE CERTIFIED TOMATO SEED			Red Top.	
	Giant Summer Crookneck, Yellow			Break O' Day (Wilt Res.)			Bent Grass Seed	
**********	Mammoth White Bush Scallop		•••••	Early Baltimore				
***************************************	Woods Prolific Squash		•••••	Greater Baltimore			MISCELLANEOUS	
	Zucchini, Black.		***********	Grothens Red Globe		***************************************	New, Pouring Spout and Capdoz.	
***************************************	Zucchini, Gray Green			.Illinois Baltimore, (Wilt Res.)		*************	1 Qt. Square Jar with Pouring Spout Cap	
*******	Fall and Winter Varieties Banana, Pink			. Indiana Greater Baltimore			packed, 1 doz. per casedoz.	
**********	Boston Marrow		**********	Marglode, (Wilt Res.)			Measuring Glass with Chart, each	
	Delicious, Golden			Pritchard, (Wilt Res.)		***************************************	Lithograph Labels .01¢ each	
**********	Des Moines or Table Queen			Rutgers, (Wilt Res.)			Catalogs Imprinted .05¢ each	
	Hubbard, Blue			Stokesdale				
-	Hubbard, Golden							

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KEYSTONE SEEDS
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Tor Bigger, Better Crops &